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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1950¹

(List of Pests Recorded During the Period July 1, 1949, to June 30, 1950, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-seventh year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determination cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the year importations of plant materials continued to arrive in considerable numbers by both surface and air transportation, with the latter means of plant movement continuing to grow in importance. Air passengers' baggage has proved to be an especially frequent avenue of arrival for such serious pests as fruit flies and the golden nematode, which are now able to reach our shores only a few hours after leaving other lands hundreds or even thousands of miles away.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Plant pests have been intercepted frequently on air-borne plant material in mail, baggage, express, stores, and freight. During the year 3,702 interceptions were made of insects on imported plant parts or as stowaways, and 390 interceptions of plant diseases. Approximately one-fourth of the pathogens were not determinable as to species, but from the evidence, appeared to exhibit little or no risk to the country. A few of the specifically identified parasites are unknown in the United States.

Among the more important insects found in air-borne material were: The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaves in baggage from the Bahamas and Nicaragua; the whitefly, *Aleurothrixus myrtacei*, on gardenia leaf in baggage from Mexico; the Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from

¹ Compiled by W. H. Wheeler, pathologist, Judith Hunt, plant quarantine aid, and P. X. Peltier, entomologist, Division of Plant Quarantines.

Guatemala, in mango in stores from Mexico, in orange in baggage and quarters from Mexico, in orange in baggage and stores from Guatemala, and in sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Guatemala, Jamaica, Mexico, Nicaragua, and Salvador, in mango in baggage and mail from Puerto Rico, in a bag containing *Spondias* spp. and guavas in baggage from Brazil, and in yellow mombin in baggage from Guatemala, Nicaragua, Salvador, and Venezuela; *A. mombinpraeoptans* (?) in mango in baggage from the Canal Zone and in a bag which had contained guavas and yellow mombins from Trinidad; *A. serpentina* in sapote in baggage from Salvador; *A. striata* (?) in guava in baggage from Trinidad; *A. suspensa* in bitter almond in baggage from Puerto Rico, in guava in baggage from Cuba, and in guava in baggage and mail from Puerto Rico; an olethreutid, *Argyroploce leucotreta*, in orange in baggage from the Union of South Africa; a carposonid, *Carposina sasakii*, in apple in baggage from Korea; the Mediterranean fruit fly (*Ceratitidis capitata*) in *Annona* sp., cherimoya, and loquat in baggage from the Madeira Islands, in apple in baggage from Portugal, in coffee berries in express from Brazil, in fig in baggage from the Azores and Italy, in grapefruit in stores from Cyprus, in guava in baggage from Israel and Portugal, in kumquat in baggage from France, in orange in baggage from the Azores, Italy, and Spain, in orange in stores from the Azores and Portugal, in peach in baggage from the Azores, Portugal, and Syria, in peach in stores from France and Portugal, in pear in baggage from Austria (?), the Azores, Italy, and Portugal, in pear in stores from the Azores, Portugal, and Turkey, in persimmon in baggage from Italy, in quince in baggage from Italy and Portugal, in plum in baggage from the Azores, in pricklypear in baggage from Italy, in strawberry guava in baggage from Portugal, in tangerine in baggage from the Azores, Italy, Malta, Portugal, and Syria, in tangerine in cargo from Spain, and in tangerine in stores from Portugal and Syria (?); *C. capitata* (?) in apricot in baggage from France and Italy, in fig in baggage from France and Lebanon, in mango in baggage from Egypt, in nectarine in baggage from Italy, in orange in stores from French West Africa and Portugal, in peach in baggage from Italy, in pear in baggage from Syria, and in pricklypear in baggage from Spain; the banana root borer (*Cosmopolites sordidus*) in banana root in baggage from Salvador; *Cylas formicarius* in sweetpotato in stores from India; *C. formicarius* var. in sweetpotato in cargo from the Philippines and in sweetpotato in stores from India; four adults of the oriental fruit fly (*Dacus dorsalis*) were intercepted in preflight inspection of airplanes leaving Hawaii for the mainland; immature stages of *D. dorsalis* (?) were intercepted twice in coffee berries in baggage in preflight inspection of airplanes leaving Hawaii for the mainland and once in an avocado in stores from the Philippines; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, Portugal, Saudi Arabia, Spain, and Syria and in olive in cargo from Italy; the rhododendron whitefly (*Dialeurodes chittendeni*) on rhododendron in express from the Netherlands; the Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in baggage, cargo, and mail in preflight inspection of airplanes leaving Hawaii for the mainland; the East Indian bean pod borer (*Maruca testulalis*) in string bean in cargo from British Guiana, in string bean in mail leaving Hawaii for the mainland, in pigeonpea and green herb in mail from Puerto Rico, in leis of *Canavalia* sp. in baggage in preflight inspection of airplanes leaving Hawaii for the mainland, in pigeonpea and string bean in baggage in preflight inspection of airplanes leaving Puerto Rico for the mainland; the tephritid *Myiopardalis pardalina* in snake melon in baggage from Lebanon; the pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Antigua, in cottonseed in cargo from Siam, in cotton boll in baggage from the Virgin Islands, in cottonseed, okra, and seed cotton in baggage in preflight inspection of airplanes leaving Puerto Rico for the mainland; the leaf roller *Polychrosis botrana* in green grapes in baggage from Lebanon; *Rhagoletis alternata* in rose hips in quarters from unknown origin; *R. cerasi* in cherry in baggage from France, Italy, Spain, and Switzerland and in cherry in stores from France, Italy, and Switzerland; *R. cerasi* (?) in cherry in baggage from Greece and in cherry in stores from Sweden; *Serica brunnea* in soil with unidentified plants in baggage from the Netherlands; *S. brunnea* (?) in soil with plants of *Delphinium* sp. in baggage from Sweden; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in baggage from Brazil, in coffee beans in cargo from the Netherlands East Indies, and in coffee beans in quarters from South America.

The more important plant disease organisms found on air-borne material, and not as yet believed to be established in the United States were: *Ascocyhta citri* (?) on orange in stores from the Fiji Islands; *Cercospora lythracearum* on pomegranate

in baggage from Puerto Rico; *C. pini-densiflorae* on pine in cargo from China; *Chrysomyxa rhododendri* on *Rhododendron ferrugineum* in baggage from Austria, Germany, and Switzerland; *Elsinoe australis* on lemon in baggage from Brazil and on orange in stores from Argentina and Brazil; *E. phaseoli* on lima bean in mail from Puerto Rico; *Maravalia hyalospora* on *Acacia confusa* in cargo from China; *Melampsoridium betulinum* on birch in baggage from Finland; *Phyllosticta nigromaculans* on orchid in baggage from the Philippines; *Septoria examinans* on *Ilex pumila* in express from Switzerland; *S. posekensis* on *Miltonia* sp. (orchid) in cargo from Colombia; *Sphaceloma fawcettii* var. *scabiosa* on lemon in quarters from Australia and on lemon in baggage from New Zealand; *Thecopsora areolata* on *Prunus* sp. in baggage from Finland; *Uromyces scillarum* on *Muscari* sp. in baggage from England; and *Xanthomonas citri* on sour lime in baggage, quarters, and stores from India.

Intercepted plant disease organisms found on air-borne material, that are generally of limited distribution in the United States, were *Camellia* yellow spot virus on *Camellia japonica* in express from Italy; *Cercospora neriella* on oleander in cargo from Bermuda; *Curvularia lunata* on gladiolus in cargo from Mexico and on gladiolus in express from French Guinea; *Cycloconium oleaginum* on olive in baggage from Italy; *Helminthosporium oryzae* on rice in baggage from Greece; *Heterodera punctata* in soil in baggage from Germany, in soil with chrysanthemum plants in mail, and in soil with orchid roots in express from England; *H. rostochiensis* in soil on heather plants in baggage from Scotland, in soil on shamrock plants in baggage from Ireland, and in soil with a maidenhair fern plant in baggage from England; *Pseudomonas savastanoi* on an olive twig in baggage from Italy; *Puccinia arenariae* on sweet-william in baggage from the Netherlands; *P. chrysanthemi* on chrysanthemum in cargo from Japan; *Septoria chrysanthemi* on chrysanthemum in express from Japan and the Netherlands, and in cargo from Japan and Mexico; *S. citri* on orange in stores from Australia; and *S. perseae* on avocado in baggage from Guatemala.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted: *Anastrepha grandis* in squash in stores from Brazil; the Mexican fruit fly (*A. ludens*) in avocado in baggage from Mexico, in grapefruit in baggage, cargo (in transit for export), and in stores from Mexico, in mamey in baggage from Mexico, in mango in baggage from Guatemala and in mango in baggage, quarters, and stores from Mexico, in orange in baggage and stores from Guatemala and Mexico, and in orange in cargo (in transit for export) and in quarters from Mexico, in peach, pear, sapote, sour orange, and sweet lime in baggage from Mexico, and in the refrigerator of a trailer from Mexico; *A. ludens* (?) in apple, avocado, mango, orange, and pomegranate in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Salvador, in mango in cargo from Mexico and Puerto Rico, in mango in mail from Jamaica and Puerto Rico, in mango in quarters from Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Mexico, Panama, and Puerto Rico, in mango in stores from Costa Rica, Mexico, and Panama, in purple mombin in baggage from Mexico, in yellow mombin in baggage from Guatemala, Mexico, Nicaragua, Salvador, and Venezuela, in yellow mombin in mail from Puerto Rico, and in a bag containing *Spondias* spp. and guavas in baggage from Brazil; *A. mombinpraeoptans* (?) in a bag which had contained guavas and yellow mombins in baggage from Trinidad, in mango in baggage from the Canal Zone, Dominican Republic, Mexico, Nicaragua, and Puerto Rico, in mango in mail from the Virgin Islands, and in mango in quarters from Panama; *A. serpentina* in sapote in baggage from Salvador and in tangerine in stores from Peru; *A. serpentina* (?) in mamey in baggage from Mexico; *A. striata* in guava in baggage from the Dominican Republic and Mexico; *A. striata* (?) in guava in baggage from Ecuador and Trinidad; *A. suspensa* in bitter almond in baggage from Puerto Rico, in guava in baggage from Cuba and Puerto Rico, in guava in mail from Puerto Rico; *A. suspensa* (?) in guava in baggage and mail from Puerto Rico; *Ceratitis anonae* in avocado in stores from Gold Coast, Africa; the Mediterranean fruit fly (*C. capitata*) in *Annona* sp. in baggage from the Madeira Islands, in apple in baggage from France, Italy, and Portugal, in cherimoya in baggage from the Madeira Islands, in coffee berries in express from Brazil and coffee

berries in mail from Hawaii, in fig in baggage from the Azores and Italy, in grapefruit in stores from the Canary Islands, Cyprus, Egypt, Israel, and Spain, in guava in baggage from Israel and Portugal, in strawberry guava in baggage from Portugal, in kumquat in baggage from France, in lemon in baggage from Italy, in loquat in baggage and mail from the Madeira Islands, in orange in baggage from the Azores, France (?), Italy, and Spain, in orange in cargo and quarters from Italy, in orange in stores from Algeria, the Azores, Egypt, Italy, and Portugal, in peach in baggage from the Azores, Portugal, and Syria, in peach in stores from France and Portugal, in pear in baggage from Austria (?), the Azores, France, Italy, and Portugal, in pear in stores from the Azores, France, Portugal, and Turkey, in persimmon in baggage from Italy, in plum in baggage from the Azores, in pricklypear in baggage from Italy, in quince in baggage from Italy and Portugal, in tangerine in baggage from the Azores, Italy, Malta, Portugal, Spain, and Syria; *C. capitata* (?) in apple in baggage from France, in apricot in baggage from France and Italy, in cactus fruit in baggage from Italy, in coffee berries in baggage from Hawaii, in fig in baggage from France, Italy, and Lebanon, in grapefruit in stores from Cyprus, in mango in baggage from Egypt, in nectarine in baggage from Italy, in orange in stores from French West Africa, Italy, and Portugal, in peach in baggage from Italy, in pear in baggage from Syria, in pear in stores from France, and in pricklypear in baggage from Italy and Spain; the melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in sweetbell red pepper and tomato in stores from Hawaii; *D. cucurbitae* (?) in cucumber in stores from Hawaii and in melon in stores from India; the Oriental fruit fly (*D. dorsalis*) in banana in baggage, quarters, and stores from Hawaii, in mango in baggage from Hawaii, in mango in mail from Guam, in *Ochrosia elliptica* in baggage from Hawaii, in pepper, sweetbell red pepper, and tomato in stores from Hawaii, and four adults in preflight inspection of airplanes leaving Hawaii for the mainland; *D. dorsalis* (?) in avocado in stores from the Philippines, in banana in baggage from Hawaii, and in coffee berries in baggage from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from Greece, Italy, Lebanon, Portugal, Saudi Arabia, Spain, and Syria, in olive in cargo from Italy, and in olive in mail from Italy and Tripoli; *D. oleae* (?) in olive in baggage and stores from Italy; *Myiopardalis pardalina* in snake melon in baggage from Lebanon; *Rhagoletis alternata* in rose hip in quarters from unknown origin; *R. alternata* (?) in rose hip in cargo from the Netherlands; *R. cerasi* in cherry in baggage from France, Italy, Spain, and Switzerland, in cherry in cargo from Germany, in cherry in mail from Switzerland, and in cherry in stores from France, Germany, Italy, and Switzerland; *R. cerasi* (?) in cherry in baggage from Greece and in cherry in stores from Sweden; *R. pomonella* in apple in baggage and quarters from Mexico; *R. striatella* in husk tomato in baggage from Mexico; the papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of special interest were intercepted: The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus aurantifolia* in baggage and cargo from Mexico, on leaf of *C. aurantifolia* in stores from Costa Rica, on leaves of *Citrus* sp. in baggage from the Bahamas, Mexico, and Nicaragua, on orange leaf in baggage from Mexico, on sour orange leaf in baggage from Colombia, on tangerine leaf in baggage from Mexico, and on an unknown plant in baggage from Mexico; *Aleurothrixus myrtacei* (Aleyrodidae) on gardenia leaf in baggage from Mexico; a bostrichid, *Bostrychoplites cornutus*, in a wooden crate for veneer in cargo from the Gold Coast; a bruchid, *Bruchidius incarnatus*, a potential pest not established in the United States, in broadbean in baggage from Egypt and Lebanon, in broadbean and lentils in mail from Egypt, and in *Vicia* sp. seed in cargo from Egypt; the Asiatic rice borer (*Chilo simplex*) in rice straw in mail from China, Germany, and Japan, in rice straw in baggage from China, and in rice straw in cargo from China and Japan; *C. simplex* (?) in rice straw in mail from Egypt; "*Chionaspis*" *funtumiae* (Coccidae) on *Alafia* sp. plant in mail from Nigeria; a scolytid, *Coccotrypes pygmaeus*, in *Euterpe badiocarpa* (palm) in baggage from Brazil, in palm seed in cargo from Mexico, and in *Ptychosperma elegans* (solitaire palm) in baggage from Argentina; *Coptotermes formosanus*, a very destructive subterranean termite, in *Aglaonema simplex* in cargo from China and in wooden packing cases in cargo from Hawaii; *C. niger*, another earth-living termite, in a wooden packing case in cargo from Hawaii; the banana root borer (*Cosmopolites sordidus*) in banana roots in baggage from Salvador;

Crepidodera asphaltina (?) (Chrysomelidae) with tomatoes in cargo from Mexico; *Crioceris lilii* (Chrysomelidae) in Madonna lily bulb in cargo from France; a curculionid, *Diaprepes abbreviatus* var., with an unidentified plant in mail from Puerto Rico; the Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in baggage, cargo, and mail from Hawaii; a curculionid, *Epicaerus cognatus*, in potato in stores from Mexico; *Gymnandrosoma aurantianum* (Olethreutidae) in orange in quarters from Trinidad and in orange in stores from Brazil; a chrysomelid, *Lema bilineata*, recorded as a pest of tobacco in Argentina and Africa where it has established itself, in an airplane originating in Rio de Janeiro, Brazil; *Leucinodes orbornalis* (?) (Pyraustidae) in eggplant in stores from India; *Palaeopus costicollis* (Curculionidae) in ginger root in mail from Jamaica; the pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from Hawaii, Venezuela, and the Virgin Islands, in cotton boll in express from the Gold Coast, in cottonseed in baggage from Antigua, Hawaii, and Mexico, in cottonseed in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in cottonseed in cargo from Egypt, India, Lebanon, Mexico, and Siam, in cottonseed in mail from Hawaii, India, Japan, and Syria, in cottonseed in quarters from Mexico, in seed cotton in baggage from Mexico, in seed cotton in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in seed cotton in cargo from Mexico, in seed cotton in mail from Hawaii and the Philippines, in seed cotton in quarters from Mexico, in okra in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in okra in mail from India, and in okra in stores from Brazil and the Dominican Republic; *Pheidole megacephala* (Formicidae), and important economic species, on gladiolus in baggage from Argentina, on hibiscus and oleander in baggage from Bermuda, on lily bud in cargo from Bermuda, on pineapple in cargo from Cuba, on yam in mail from St. Kitts, and in soil with potted plants in quarters from Honduras; *Prays endocarpa* (Hyponomeutidae) in pummelo in stores from the Philippines; *Sesamia cretica* (Phalaenidae) in corn in baggage from Italy; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in baggage and mail from Brazil, in coffee beans in cargo from Angola and the Netherlands East Indies, and in coffee beans in quarters from South America; the bulb scale mite (*Tarsonemus laticeps*) in narcissus bulbs in mail from England and the Netherlands.

SNAILS

Salvaged military equipment continues to be contaminated with the giant African snail (*Achatina fulica*). Nine shiploads were involved during the year. Two of the contaminated cargoes arrived at New Orleans, La., from Guam and Saipan, five at San Pedro, Calif., from Guam and Saipan, and one at Baltimore, Md., from Saipan. In addition to these, one specimen was taken at Honolulu, Hawaii on a *Dendrobium* orchid leaf from Palau Island.

Other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, were *Bradybaena similis* on plants of the African daisy and on cuttings of geranium at New York, N. Y., from Bermuda, on cut flowers of carnations and snapdragons at the National Airport, Arlington, Va., from Bermuda, and with *Phaseolus vulgaris* at Philadelphia, Pa., from Bermuda. *Lamellaxis* sp. was taken at San Diego, Calif., in soil around an unknown plant from Algeria and also at Honolulu, Hawaii, in potting material for a *Cypripedium* orchid from India.

NOTES ON DISEASES INTERCEPTED

For the fourth year of the last five, India has contributed the greatest number of interceptions (17) of citrus canker (*Xanthomonas citri*), all on sour limes. China, in second place, contributed 10 canker importations on sweet oranges and 1 on Mandarin orange. From Japan came 8 importations of citrus canker on various citrus species including grapefruit, lemon, Mandarin orange, and pummelo. A second disease of importance to the citrus industry, the sweet orange fruit scab (*Elsinoe australis*) was found 42 times each on lemons and oranges from Argentina and Brazil, twice on Mandarin orange from Brazil, once each on grapefruit and lime from Brazil, and 9 times on *Citrus* spp. from Argentina and Brazil. Cankrosis "B", a disease similar to citrus canker, was intercepted 4 times on lemons from Argentina.

The fungus, *Aphanomyces raphani*, was intercepted on radishes in baggage and cargo from Mexico. From the same country came *Cercospora oryzae* intercepted

on rice carried in baggage. A rust of considerable importance, *Chrysomyxa rhododendri*, was brought into this country on 7 different occasions. Three interceptions were made in mail and baggage from Austria, while two each were made in baggage from Switzerland and Germany. This disease is considered a possible threat, not only to certain rhododendrons, but also to the alternate hosts which are members of the genus *Picea*. Another rust of possible importance, *Gymnosporangium haraeum*, was intercepted on flowering quince in baggage from Japan. The alternate hosts of this rust are species of the genus *Juniperus*. Also of potential importance as a coniferous disease was *Cercospora pini-densiflorae* arriving with a cargo of *Pinus massoniana* from China.

Other organisms of importance were a leaf spot, *Cercospora handelii*, on rhododendron from Belgium and the Netherlands; a fruit- and leaf-spotting fungus, *C. lythracearum*, on pomegranate from Mexico and Puerto Rico; a smut, *Entyloma oryzae*, on rice straw from Mexico; *Helminthosporium oryzae*, causing brown spot of rice, from Cuba, Greece, and Mexico; a rust, *Maravalia hyalospora*, on *Acacia confusa* from China; a rust, *Melampsoridium betulinum*, on birch from Finland; *Mystrosporium adustum*, known as the ink spot fungus, on netted iris bulbs from the Netherlands; the citrus black spot (*Phoma citricarpa*) on various species of *Citrus* from American Samoa, Australia, China, and Japan, on Mandarin orange from Australia, China, and Japan, and on sweet orange from Australia, Argentina, Brazil, China, Japan, the Philippines, Straits Settlements, Tasmania, and the Union of South Africa; a smut, *Urocystis colchici*, on *Colchicum* sp. from the Netherlands; a smut, *C. gladiolicola*, on gladiolus from the Netherlands; and a rust, *Uromyces holwayi*, on Columbia lily from British Columbia. Certain sclerotial forms of fungi were intercepted including *Sclerotinia bulborum* on fritillary from the Netherlands, *S. minor* on endive from Belgium, and *Sclerotium cepivorum* on garlic from Italy.

Nematodes are becoming increasingly important as plant pests. This is the second year that the golden nematode (*Heterodera rostochiensis*) has been intercepted. The year's total of 82 interceptions came from soil with vegetables in ships' stores and in soil with plant material imported for propagation. The countries from which this very serious potato and tomato pest of Europe arrived were Argentina, Denmark, England, France, Germany, Ireland, the Netherlands, Northern Ireland, Poland, Scotland, Sweden, and Wales. Other nematodes of possible concern reported during the year were: *Aphelenchoides ribes* (?) in soil with lavender plant from England; *A. subtenuis* in orchid iris from the Netherlands and in paper-white narcissus from Italy; *Ditylenchus dipsaci* in summer-hyacinth (*Galtonia candicans*) from the Netherlands; *Heterodera avenae* in soil with fig cuttings from Italy; *Meloidogyne arenaria* in begonia tuber from Belgium; *Tylenchus allii* in garlic from Mexico and Spain; and *T. filiformis* in soil with *Artemisia* sp., *Dianthus* sp., and *Sedum* sp. from Italy.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following fruit flies: *Anastrepha* sp., probably *ludens*, at Laredo, Tex., and San Antonio, Tex., in mango in baggage from Mexico, at Brownsville, Tex., in avocado in baggage from Mexico, and at Laredo, Tex., in pear in baggage from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at Mobile, Ala., in mango in stores from Haiti and in mango in quarters from Trinidad, at Houston, Tex., in mango in baggage from the Canal Zone, and at New York, N. Y., in mango in baggage from Puerto Rico; *Anastrepha* sp. at Miami, Fla., in *Annona* sp. in baggage from Peru, at Laredo, Tex., in apricot in baggage from Mexico, at Miami, Fla., in cherimoya in baggage from Colombia, at Galveston, Tex., in grapefruit in stores from British Honduras, at New York, N. Y., in grapefruit in stores from Brazil, at Miami, Fla., in guava in baggage from Cuba, at New York, N. Y., in guava in baggage from the British West Indies, at El Paso, Tex., in mamey in baggage from Mexico, at Calexico, Calif., in mango in express from Mexico, at Miami,

Fla., in mango in baggage from Colombia, Dominican Republic, and Nicaragua, at Brownsville, Tex., in mango in baggage from Mexico, at San Pedro, Calif., in mango in baggage from Salvador, at Laredo, Tex., in mango in baggage from Mexico, at New York, N. Y., in mango in quarters from Panama and in mango in baggage from Trinidad, at San Juan, P. R., in mango in baggage from the Dominican Republic, at New York, N. Y., in *Spondias* sp. in mail from Puerto Rico, at Hidalgo, Tex., in orange in baggage from Mexico, at Laredo, Tex., in orange in baggage from Mexico, at New York, N. Y., in orange in stores from Brazil, at Laredo, Tex., in pear and quince in baggage from Mexico, at New York, N. Y., in sapodilla and yellow mombin in baggage from Venezuela, at Miami, Fla., in souari nut in baggage from Colombia; two pupae of *Anastrepha* sp. at Laredo, Tex., on the floor of a refrigerator car from Mexico; probably *Anastrepha* sp. at Hidalgo, Tex., in quince in baggage from Mexico; *Dacus* sp., probably *dorsalis*, at Seattle, Wash., in tomatoes in stores from Hawaii; *Dacus* sp. at Boston, Mass., in squash in stores from the Union of South Africa, and at Honolulu, Hawaii in mango in stores from the Philippines; probably *Dacus* sp., not *cucurbitae*, at New York, N. Y., in melon in stores of an airplane arriving from Iraq, Syria, Turkey, Italy, Germany, Belgium, England, and Ireland; probably *Dacus* sp. at Boston, Mass., in pumpkin in stores from the Union of South Africa; *Rhagoletis* sp., probably *cerasi*, at Chicago, Ill., in cherry in baggage from Egypt; *Rhagoletis* sp. at Galveston, Tex., in apple in stores from Mexico and at Laredo, Tex., in apple in baggage from Mexico, at New York, N. Y., in quince in baggage from Italy, at Laredo, Tex., in *Crataegus* sp. in baggage from Mexico; probably a species of *Rhagoletis* at Boston, Mass., in peach in stores from Portugal. Seventy-four interceptions which could not be identified beyond family (Tephritidae) were taken at Baltimore, Md., in grapefruit and orange in stores from Brazil, at Boston, Mass., in cherimoya in baggage from Israel, in apple and guava in baggage from Portugal, in orange and tangerine in stores from Portugal, in orange and plum in baggage from the Azores, in apple in stores from France, in banana in stores from India, in Japanese persimmon in baggage from Italy, and in tangerine in quarters from Lebanon, at Galveston, Tex., in apple in stores from Mexico and Portugal, at Honolulu, Hawaii, in coconut and in natal plum *carissa* in mail from Hawaii, in apple in stores from Australia, in grapefruit in stores from New Zealand (?), and in peach in stores on an airplane from Fiji and Australia, at Laredo, Tex., in apple, orange, pear, quince, and walnut in baggage from Mexico, at the National Airport, Arlington, Va., in orange in stores from unknown origin, at New Orleans, La., in orange in stores from Brazil, at Newport News, Va., in orange in stores from Brazil, at New York, N. Y., in avocado in baggage from the Gold Coast, in apple in stores from the Azores, in fig in baggage from Argentina, in grape in baggage from Lebanon, in grapefruit and orange in stores from Brazil, in medlar in cargo from Italy, in orange in baggage from Spain, in pear in baggage from Italy, in pear in stores from France and Portugal, in pear in stores from unknown origin (fruit was loaded at Gander, Canada), and in persimmon in baggage from Italy, at Norfolk, Va., in grapefruit in stores from Egypt, at Philadelphia, Pa., in grapefruit in stores from Cyprus, in orange in quarters from Israel, in pepper in stores from the Gold Coast, at San Diego, Calif., in avocado in stores from Hawaii, at San Francisco, Calif., in avocado, banana, coffee berries, mango, and papaya in baggage from Hawaii, in avocado and mango in stores from Hawaii, and in mango in stores from Tahiti, at San Juan, P. R., in guava in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, at San Pedro, Calif., in lychee fruit in baggage from Hawaii, in mango in baggage from Salvador, and in tomato in stores from the Philippines; tephritid (?) at Boston, Mass., in the flowers of *Leucospermum nutans* in baggage from the Union of South Africa, at Honolulu, Hawaii in *Citrus aurantifolia* in baggage in preflight inspection of an airplane leaving Hawaii for the mainland, and at New York, N. Y., in fig in baggage from Italy.

The following miscellaneous insects of special interest were intercepted: An aleyrodid, *Aleurodicus*, new genus and new species, at Brownsville, Tex., on *Cattleya citrina* in cargo from Mexico; *Aleurothrixus* sp. (Aleyrodidae), apparently undescribed, at Laredo, Tex., on orange leaf in baggage from Mexico; *Anthonus* sp. (Curculionidae) at Brownsville, Tex., on an orchid plant in cargo from Mexico; a scarabaeid, *Ancylonycha* sp., at Seattle, Wash., in soil around a quince plant in baggage from Japan; *Aspidiotus* sp. (Coccidae), not placed as a described species, at Miami, Fla., on seed of *Dalbergia* sp. in cargo from Netherlands Guiana; a scarabaeid, *Autoserica* sp., in soil around a quince plant in baggage from Japan; *Blastodacna* sp. (Blastodacnidae) on an apple in stores from the Netherlands;

Bruchidius sp., probably *incarnatus* (Boh.) (Bruchidae), a serious pest of cultivated legumes, at New Orleans, La., in vetch seed in cargo from Syria; *Callosobruchus*, sp. (Bruchidae) at Washington, D. C., in pigeonpea in mail from India; a curculionid, *Cleonus* sp., at Baltimore, Md., in beet in stores from Portugal and at El Paso, Tex., in turnip in cargo from Mexico; *Conotrachelus* sp. (Curculionidae) at Galveston, Tex., and New York, N. Y., in beet in stores from Peru; an elaterid, *Dalopius* sp., probably *marginatus* L., at Hoboken, N. J., with heather roots in mail from England, with a plant of *Rhododendron indicum* in cargo from Belgium, and at New York, N. Y., in soil with unidentified plants in baggage from Sweden; *Diaspis* sp. (Coccidae), apparently undescribed, at Brownsville, Tex., on avocado in baggage and stores from Mexico; *Eosilla* sp., probably *jacobsoni* Rib., (Psoquilidae), a very destructive species, at San Diego, Calif., under nut cap of coconut in mail from American Samoa; a gelechiid, probably *Gnorimoschema*, an unknown species, but not *operculella* (Zell.) or *plaesiosema* (Turner), which are usually associated with potatoes, at Seattle, Wash., in potato in stores from Peru; *Graphognathus* sp. (Curculionidae) at New York, N. Y., in potato in stores from Argentina; a scolytid, *Ips* sp., probably *typographus* (L.), at Houston, Tex., in pine strips around bales of peat moss in cargo from Germany; *Listroderes* sp. (Curculionidae), not like any species now established in the United States, with plums in cargo from Chile; a curculionid, *Lixus* sp., at Boston, Mass., in beet in stores from Egypt; *Lyonetia* sp., probably *prunifoliella* (Hbn.) (Lyonetiidae) at Boston, Mass., in apple leaf in baggage from Lebanon; a phalaenid, *Naranga* sp., probably *brunnea* Hampson, at Honolulu, Hawaii, in rice straw in mail from Japan; *Nassophasis* sp. (Curculionidae) at Hoboken, N. J., in the pseudobulb of the orchid *Coelogyne ocellata* in mail from India; a scolytid, *Orthotomicus* sp., probably *laricis* (F.), at New Orleans, La., in pine strips around bales of cork in cargo from Portugal; a pentatomid, new genus, new species near *Piezodorus*, at Laredo, Tex., on Bromeliad plant in baggage from Mexico; a curculionid, *Phyllobius* sp., at Seattle, Wash., in soil around a dwarf juniper tree in baggage from Japan; *Phyllodecta* sp., probably *vutgatissima* (L.) (Chrysomelidae), said to attack poplars and willows, at New York, N. Y., with *Tritonia* sp., bulbs in cargo from the Netherlands; *Pilophorus* sp., probably *clavatus* (L.) (Miridae) at New York, N. Y., on an apple in baggage from Italy; *Priophorus* sp., probably *padi* (L.) (Tenthredinidae) at Hoboken, N. J., on *Tilia cordata* in cargo from the Netherlands; a phalaenid, *Prodenia* sp., probably *litura* (F.), at Boston, Mass., on cabbage in stores from Egypt; *Rhynchites* sp. (Curculionidae) at Boston, Mass., in cherries from Portugal and at New York, N. Y., in cherries in stores from France; a bruchid, *Zabrotes* sp., new and probably undescribed, at Portland, Oreg., in seed of *Cassia grandis* in mail from Brazil.

There were 3,908 interceptions distributed among 778 genera, which could be identified to genus only. A total of 219 could be determined to family or subfamily only.

A total of 4,127 incompletely determined insects were intercepted during the year.

DISEASES

Among incompletely determined plant disease fungi collected at the ports of entry during the year were the following suspected pathogens: An Actinomycete causing stem galls of rhododendron from England; *Ascochyta* sp. on *Cordona anomala* leaf from China; *Cercospora* sp. on cactus from Mexico; *Cercospora* sp. on fern from Guam; *Cercospora* sp. on palm leaf from Mexico; *Coleosporium* sp. on Scotch pine from Germany; *Elsinoe* sp. on rhododendron from the Netherlands; leprosis on sweet orange from Brazil and on *Citrus* sp., probably *sinensis*, from Mexico; *Mycosphaerella* sp. on *Metasequoia glyptostroboides* needles from China; *Phomopsis* sp. on mint from India; *Phyllosticta* sp. on *Metasequoia glyptostroboides* needles from China; *Pseudomonas* sp. on endive from Belgium; *Sclerotium* sp. on *Crocus zonatus*, *Galanthus nivalis plenus*, *Leucojum* sp., *Muscari* sp., and *Narcissus* sp. from the Netherlands, on garlic from the Madeira Islands, on *Galanthus* sp. from Switzerland and Turkey, and on *Narcissus* sp. from France and Italy; *Septoria* sp. on *Anthurium* sp. from Belgium and on lemon from Italy; *Uredo* sp. on leek from England; *Verticillium* sp. on betel palm from Guam, on begonia tuber from the Netherlands, and on pumpkin from Brazil.

Nematode interceptions worthy of mention were: *Aphelenchoides* sp. (undescribed) in corms of colchicum "Lilac Wonder" from the Netherlands; a very interesting new genus and species of the family Aphelenchidae found with sour lime from Mexico; *Helicotylenchus* sp. in soil with the following: Greenhouse plants from England, herbaceous perennials from Germany, English ivy, primula, *Prunus* sp., rose, and Virginia creeper from England; carnation and boxwood from France, carnation cuttings from Italy; *Pratylenchus* sp. (undescribed) in soil with *Begonia* sp., *Artemisia* sp., *Dianthus* sp., *Sedum* sp. from Italy; and *Tylencholaimus* sp. in gladiolus corms from France.

A total of 684 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

| Country | Insect | Disease | Country | Insect | Disease |
|------------------------------|--------|---------|------------------------------|--------|---------|
| | Number | Number | | Number | Number |
| Africa: | | | Europe—Continued | | |
| Algeria..... | 3 | 1 | Denmark..... | 6 | 5 |
| Angola..... | 1 | 0 | England..... | 60 | 60 |
| Belgian Congo..... | 1 | 0 | Finland..... | 4 | 2 |
| Canary Islands..... | 1 | 1 | France..... | 67 | 14 |
| Egypt..... | 20 | 1 | Germany..... | 38 | 25 |
| French Cameroons..... | 2 | 0 | Greece..... | 24 | 1 |
| French Guinea..... | 0 | 1 | Ireland..... | 7 | 21 |
| French West Africa..... | 2 | 0 | Italy..... | 403 | 79 |
| Gold Coast..... | 9 | 2 | Malta..... | 1 | 0 |
| Madeira Islands..... | 14 | 0 | Netherlands..... | 60 | 135 |
| Morocco..... | 1 | 0 | Northern Ireland..... | 1 | 5 |
| Nigeria..... | 2 | 0 | Norway..... | 10 | 3 |
| Rhodesia..... | 1 | 0 | Poland..... | 2 | 2 |
| Transvaal..... | 1 | 0 | Portugal..... | 87 | 1 |
| Tripoli..... | 1 | 0 | Scotland..... | 13 | 10 |
| Tunisia..... | 2 | 0 | Spain..... | 23 | 3 |
| Union of South Africa..... | 22 | 6 | Sweden..... | 25 | 3 |
| Asia: | | | Switzerland..... | 10 | 3 |
| China..... | 17 | 268 | Turkey..... | 15 | 2 |
| Cyprus..... | 11 | 1 | Wales..... | 0 | 1 |
| Formosa..... | 1 | 0 | Yugoslavia..... | 2 | 2 |
| India..... | 36 | 21 | North America: | | |
| Iraq..... | 0 | 1 | Bermuda..... | 43 | 3 |
| Israel..... | 5 | 0 | Canada..... | 7 | 5 |
| Japan..... | 87 | 130 | British Columbia..... | 2 | 1 |
| Korea..... | 4 | 0 | Central America: | | |
| Lebanon..... | 13 | 2 | Canal Zone..... | 73 | 9 |
| Malaysia..... | 1 | 0 | Costa Rica..... | 44 | 43 |
| Pakistan..... | 1 | 1 | Guatemala..... | 39 | 25 |
| Saudi Arabia..... | 3 | 1 | Honduras..... | 21 | 16 |
| Siam..... | 5 | 2 | Nicaragua..... | 16 | 1 |
| Straits Settlements..... | 2 | 2 | Panama..... | 43 | 36 |
| Syria..... | 26 | 0 | Salvador..... | 14 | 0 |
| Australasia: | | | Mexico..... | 905 | 185 |
| American Samoa..... | 2 | 1 | West Indies..... | 2 | 0 |
| Australia..... | 25 | 21 | American Virgin Islands..... | 2 | 0 |
| Batavia..... | 1 | 0 | Antigua..... | 4 | 0 |
| Canton Island..... | 1 | 0 | Aruba..... | 3 | 0 |
| Ceylon..... | 0 | 1 | Bahamas..... | 8 | 0 |
| Fiji Islands..... | 0 | 1 | Barbados..... | 9 | 0 |
| Guam..... | 13 | 2 | British West Indies..... | 5 | 1 |
| Hawaii..... | 180 | 2 | Cuba..... | 102 | 29 |
| Kwajalein..... | 2 | 0 | Dominica..... | 2 | 0 |
| Midway Island..... | 1 | 0 | Dominican Republic..... | 20 | 4 |
| Netherlands East Indies..... | 3 | 0 | Grenada..... | 0 | 1 |
| New Zealand..... | 1 | 2 | Haiti..... | 17 | 2 |
| Palau Island..... | 1 | 1 | Jamaica..... | 26 | 0 |
| Philippines..... | 49 | 9 | Martinique..... | 1 | 1 |
| Saipan..... | 7 | 0 | Montserrat..... | 1 | 0 |
| South Pacific..... | 1 | 0 | Netherlands West Indies..... | 1 | 0 |
| Tasmania..... | 0 | 2 | Nevis..... | 1 | 0 |
| Europe: | | | Puerto Rico..... | 161 | 16 |
| Austria..... | 2 | 6 | St. Kitts..... | 5 | 0 |
| Azores..... | 26 | 1 | St. Lucia..... | 1 | 0 |
| Belgium..... | 20 | 31 | St. Vincent..... | 2 | 0 |
| Bulgaria..... | 1 | 0 | Tahiti..... | 2 | 1 |
| Corsica (?)..... | 1 | 0 | Trinidad..... | 26 | 0 |
| Czechoslovakia..... | 4 | 1 | Virgin Islands..... | 4 | 0 |

Geographic summary of interceptions listed in main table and interception totals—Con.

| Country | Insect | Disease | Country | Insect | Disease |
|------------------------|---------------|---------------|----------------------------------|---------------|---------------|
| South America: | <i>Number</i> | <i>Number</i> | Total—Continued | <i>Number</i> | <i>Number</i> |
| Argentina..... | 19 | 36 | Europe..... | 912 | 416 |
| Brazil..... | 61 | 74 | North America..... | 1,612 | 379 |
| British Guiana..... | 4 | 0 | South America..... | 179 | 138 |
| Chile..... | 7 | 0 | Unknown..... | 16 | 2 |
| Colombia..... | 25 | 17 | | | |
| Ecuador..... | 11 | 8 | Total..... | 3,301 | 1,418 |
| Galapagos Islands..... | 1 | 0 | | | |
| Peru..... | 5 | 2 | Total incompletely deter- | | |
| South America..... | 1 | 0 | mined pests, pp. 6-8..... | 4,127 | 684 |
| Venezuela..... | 45 | 1 | Total insect interceptions..... | 7,428 | |
| Total: | | | Total disease interceptions..... | | 2,102 |
| Africa..... | 83 | 12 | | | |
| Asia..... | 212 | 429 | Grand total..... | | 9,530 |
| Australasia..... | 287 | 42 | | | |

NOTE.—In addition to the countries named above, interceptions were made from Armenia, British Cameroons, British Honduras, Cape Verde Islands, Curacao, Ethiopia, French Guiana, Guadalcanal, Hungary, Iran, Java, Johnston Island, Kenya, Liberia, Luxembourg, Mozambique, Netherlands Guiana, Newfoundland, Oceania, Orient, Pretoria, Sierra Leone, Solomon Islands, Transjordan, Trieste, Uruguay, Wake Island (?), Wales, and West Africa.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950
inclusive

[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|--|-----------------------------|----------|------------------|-------------------------------|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Acalypta parvula</i> (Fall.) (Tingidae): | | | | | |
| <i>Calluna vulgaris</i> (heather)..... | Scotland..... | | | 2 | N. J., N. Y. |
| <i>Acanthoscelides armitagei</i> (Pic) (Bruchidae): | | | | | |
| Bamboo..... | Haiti..... | 1 | | | P. R. |
| Bean..... | St. Lucia..... | | | 1 | N. J. |
| <i>Cajanus cajan</i> (pigeonpea)..... | American Virgin Is- lands, British West Indies, Canal Zone, Panama, Puerto Rico, Trinidad. | 19 | | 4 | N. J., N. Y. |
| <i>Cajanus</i> sp..... | Canal Zone..... | 1 | | | N. J. |
| Woods moss..... | Belgium..... | | | 1 | N. J. |
| <i>Acanthoscelides spinipes</i> (Er.) (Bruchidae): | | | | | |
| <i>Acacia farnesiana</i> (sweet acacia)..... | France, Greece, Italy, Turkey. | | | 5 | D. C., Mich., N. J., N. Y. |
| <i>Acacia</i> sp..... | Greece..... | | | 1 | N. J. |
| <i>Achatina fulica</i> (Fer.) (Mollusca): | | | | | |
| <i>Dendrobium</i> sp. (orchid)..... | Palau Island..... | | | 1 | Hawaii.* |
| Returned military equipment..... | Guam, Saipan..... | 8 | | | Calif.*, La., Md. |
| <i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae): | | | | | |
| <i>Allium porrum</i> (leek)..... | Netherlands..... | | 2 | | N. Y. |
| Soil with celery..... | France..... | | 1 | | Va. |
| <i>Acroleucus vicinalis</i> Dist. (Lygaeidae): | | | | | |
| Orchid..... | Mexico..... | | | 1 | Tex. |
| <i>Acronicta tridens</i> (Schiff.) (Phalaenidae): | | | | | |
| <i>Crataegus</i> sp..... | Japan..... | | | 1 | Wash. |
| <i>Acrosternum armiger</i> (Stal) (Pentatomidae): | | | | | |
| <i>Medicago sativa</i> (alfalfa)..... | Argentina..... | 1 | | | Tex. |
| <i>Adela viridella</i> (Scop.) (Adelidae): | | | | | |
| Soil and woods moss..... | France..... | | | 1 | N. J. |
| <i>Adleria gallae-tinctoriae</i> (Ol.) (Cynipidae): | | | | | |
| Gallnut..... | Syria..... | 1 | | | N. J. |
| <i>Adoretus sinicus</i> Burm. (Scarabaeidae): | | | | | |
| Baggage..... | Hawaii..... | 1 | | | Hawaii. |
| <i>Adrastus limbatus</i> F. (Elateridae): | | | | | |
| <i>Brassica rapa</i> (turnip)..... | England..... | | 1 | | Va. |
| <i>Agalliana ensigera</i> Oman (Cicadellidae): | | | | | |
| <i>Medicago sativa</i> (alfalfa)..... | Argentina..... | 1 | | | Tex. |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|-----------------------------|-----------------------------|----------|-------------|---|
| | | Consumption | Nonentry | Propagation | |
| <i>Aglossa cuprealis</i> (Hbn.) (Pyralidae): | | | | | |
| <i>Allium sativum</i> (garlic) | Italy | 1 | | | N. Y. |
| <i>Lathyrus odoratus</i> (sweetpea) | Portugal | | | 1 | N. Y. |
| <i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae): | | | | | |
| <i>Citrus aurantifolia</i> (sour lime) | Costa Rica, Mexico | 13 | 1 | | Ariz., Calif. Tex. |
| <i>Citrus aurantium</i> (sour orange) | Colombia | 1 | | | N. Y. |
| <i>Citrus reticulata</i> (Mandarin orange) | Mexico | 1 | | | Ariz. |
| <i>Citrus sinensis</i> (orange) | do | 4 | | | Ariz., Tex. |
| <i>Citrus</i> sp. | Bahamas, Mexico, Nicaragua. | 5 | | | Calif.*, Fla.*, Tex. |
| Plant | Mexico | | | 1 | Tex. |
| <i>Aleuroglandulus emmae</i> Russell (Aleyrodidae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| <i>Aleurolobus olivinus</i> Silv. (Aleyrodidae): | | | | | |
| <i>Olea europaea</i> (olive) | Cyprus, Italy, Syria | 3 | | | N. Y. |
| <i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae): | | | | | |
| <i>Gardenia augusta</i> (gardenia) | Mexico | 5 | | | Tex. |
| <i>Aleuroparadoxus ilicicola</i> Russell (Aleyrodidae): | | | | | |
| <i>Karwinskia humboldtiana</i> | do | 1 | | | Tex. |
| <i>Aleuroplatus ilicis</i> Russell (Aleyrodidae): | | | | | |
| <i>Ilex</i> sp. (holly) | do | | | 1 | Tex. |
| <i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae): | | | | | |
| <i>Citrus aurantium</i> (sour orange) | Colombia | 1 | | | N. Y. |
| <i>Psidium guajava</i> (guava) | Jamaica, Mexico | 3 | | 1 | Fla., Tex. |
| <i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae): | | | | | |
| <i>Gardenia augusta</i> (gardenia) | Mexico | 1 | | | Tex. |
| <i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae): | | | | | |
| <i>Aphelandra sinclairiana</i> | Cuba | | | 1 | Fla. |
| <i>Capsicum frutescens</i> (pepper) | Panama | | | 1 | Ala. |
| Leaf | Cuba | 1 | | | Fla.* |
| <i>Aleyrodes spiraeoides</i> Q. (Aleyrodidae): | | | | | |
| <i>Sibiraea laevigata croatica</i> | British Columbia | | | 1 | N. J. |
| <i>Allantus cinctus</i> (L.) (Tenthredinidae): | | | | | |
| <i>Cornus</i> sp. | Netherlands | | | 1 | N. J. |
| <i>Kerria japonica</i> (kerria) | do | | | 2 | N. J. |
| <i>Alpheias conspirata</i> Hein. (Galleriidae): | | | | | |
| <i>Ananas comosus</i> (pineapple) | Mexico | 25 | | | Calif.,* Tex. |
| <i>Gossypium</i> sp. (cottonseed) | do | | 1 | | Tex. |
| <i>Amorbia emigratella</i> Busck (Tortricidae): | | | | | |
| <i>Cattleya</i> sp. (orchid) | Hawaii | 1 | | | Hawaii. |
| <i>Rosa</i> sp. | Mexico | 1 | | | Tex. |
| <i>Amorbia emigratella</i> Busck(?) (Tortricidae): | | | | | |
| <i>Odontoglossum</i> sp. (orchid) | Costa Rica | | | 1 | Fla. |
| <i>Vincentia angustifolia</i> (black sedge) | Hawaii | 1 | | | Hawaii. |
| <i>Anastrepha grandis</i> (Macq.) (Tephritidae): | | | | | |
| <i>Cucurbita maxima</i> (squash) | Brazil | | 1 | | Mass. |
| <i>Anastrepha ludens</i> (Loew) (Tephritidae): | | | | | |
| <i>Citrus aurantifolia</i> (sweet lime) | Mexico | 8 | | | Tex. |
| <i>Citrus aurantium</i> (sour orange) | do | 1 | | | Tex. |
| <i>Citrus paradisi</i> (grapefruit) | do | 10 | 2 | | Tex. |
| <i>Citrus sinensis</i> (orange) | Guatemala, Mexico | 93 | 21 | | Ala., Ariz., Fla.*, La., Md., N. Y., Tex. |
| <i>Mammea americana</i> (mamey) | Mexico | 1 | | | Tex. |
| <i>Mangifera indica</i> (mango) | Guatemala, Mexico | 19 | 4 | | Ariz., Calif.*, Tex. |
| <i>Persea americana</i> (avocado) | Mexico | 1 | | | Tex. |
| <i>Prunus persica</i> (peach) | do | 4 | | | Tex. |
| <i>Pyrus communis</i> (pear) | do | 2 | | | Tex. |
| Sapote | do | 2 | | | Tex. |
| Refrigerator of trailer | do | | 1 | | Tex. |
| <i>Anastrepha ludens</i> (Loew) (?) (Tephritidae): | | | | | |
| <i>Citrus sinensis</i> (orange) | do | 1 | | | Tex. |
| <i>Malus sylvestris</i> (apple) | do | 2 | | | Tex. |
| <i>Mangifera indica</i> (mango) | do | 1 | | | Tex. |
| <i>Persea americana</i> (avocado) | do | 1 | | | Tex. |
| <i>Punica granatum</i> (pomegranate) | do | 1 | | | Tex. |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|--|-----------------------------|----------|------------------|--|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae): | | | | | |
| <i>Citrus sinensis</i> (orange)..... | Brazil..... | | 2 | | N. Y. |
| <i>Mangifera indica</i> (mango)..... | Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador. | 110 | 18 | | Ala., Calif.*, Fla.*, La., Md., Mass., N. Y., Pa., P. R., Tex. |
| <i>Spondias mombin</i> (yellow mombin)..... | Guatemala, Mexico, Nicaragua, Puerto Rico, Salvador, Venezuela. | 12 | | | Calif.*, La., N. Y., Tex. |
| <i>Spondias purpurea</i> (purple mombin)..... | Mexico..... | 1 | | | Tex. |
| In bag containing guavas and <i>Spondias</i> spp. | Brazil..... | 1 | | | N. Y. |
| Suitcase shakeout..... | Nicaragua..... | 1 | | | Calif.* |
| <i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae): | | | | | |
| In bag containing guavas and yellow mombins. | Trinidad..... | 1 | | | N. Y. |
| <i>Mangifera indica</i> (mango)..... | Canal Zone, Dominican Republic, Mexico, Nicaragua, Panama, Puerto Rico, Virgin Islands. | 19 | 1 | | Calif.*, Fla.*, Md., N. Y., Pa., P. R., Tex. |
| <i>Anastrepha serpentina</i> (Wied.) (Tephritidae): | | | | | |
| <i>Citrus reticulata</i> (Mandarin orange)..... | Peru..... | | 1 | | Tex. |
| Sapote..... | Salvador..... | 1 | | | La. |
| <i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae): | | | | | |
| <i>Mammea americana</i> (mamey)..... | Mexico..... | 1 | | | Tex. |
| <i>Anastrepha striata</i> Schiner (Tephritidae): | | | | | |
| <i>Psidium guajava</i> (guava)..... | Dominican Republic, Mexico. | 3 | | | Ala., Tex. |
| <i>Anastrepha striata</i> Schiner (?) (Tephritidae): | | | | | |
| <i>Psidium guajava</i> (guava)..... | Ecuador, Trinidad..... | 2 | | | Calif.*, N. Y. |
| <i>Anastrepha suspensa</i> (Loew) (Tephritidae): | | | | | |
| <i>Prunus amygdalus amara</i> (bitter almond)..... | Puerto Rico..... | 1 | | | P. R. |
| <i>Psidium guajava</i> (guava)..... | Cuba, Puerto Rico..... | 29 | | | Fla.*, N. Y., P. R. |
| <i>Anastrepha suspensa</i> (Loew) (?) (Tephritidae): | | | | | |
| <i>Psidium guajava</i> (guava)..... | Puerto Rico..... | 5 | | | N. Y. |
| <i>Ancylostomia stercorea</i> (Zell.) (Phycitidae): | | | | | |
| <i>Cajanus cajan</i> (pigeonpea)..... | Brazil, British Guiana, Haiti, Puerto Rico. | 20 | | | Md., N. Y., P. R. |
| <i>Pisum sativum</i> (pea)..... | Canal Zone..... | 1 | | | Wash. |
| <i>Anomala orientalis</i> Wath. (?) (Scarabaeidae): | | | | | |
| Soil around juniper..... | Japan..... | | | 1 | Wash. |
| <i>Antestia variegata lineaticollis</i> (Stal) (Pentatomidae): | | | | | |
| <i>Erica</i> spp..... | Union of South Africa..... | 1 | | | N. J. |
| <i>Protea</i> spp..... | do..... | 1 | | | N. J. |
| <i>Anthomyza cursor</i> (Kieff.) (Anthomyzidae): | | | | | |
| <i>Medicago sativa</i> (alfalfa)..... | Argentina..... | 1 | | | Tex. |
| <i>Anthonomus rectirostris</i> L. (Curculionidae): | | | | | |
| <i>Prunus avium</i> (mazzard cherry)..... | Germany..... | | | 1 | N. J. |
| <i>Prunus padus</i> (European bird cherry)..... | Austria..... | | | 1 | N. J. |
| <i>Antilocoris punctatus</i> (Dist.) (Lygaeidae): | | | | | |
| Orchid..... | Mexico..... | | | 1 | Tex. |
| <i>Antonina sasae</i> Shiraiwa (Coccidae): | | | | | |
| <i>Sasa kurilensis</i> (bamboo)..... | Japan..... | | | 1 | D. C. |
| <i>Anuraphis cynariella</i> (Theob.) (Aphidae): | | | | | |
| <i>Cynara scolymus</i> (globe artichoke)..... | Italy..... | 2 | | | N. Y. |
| <i>Anuraphis helichrysi</i> (Kltb.) (Aphidae): | | | | | |
| <i>Antirrhinum majus</i> (snapdragon)..... | Haiti..... | 1 | | | P. R. |
| <i>Callistephus chinensis</i> (China aster)..... | Madeira Islands..... | 1 | | | Pa. |
| <i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum). | England..... | | | 1 | N. J. |
| <i>Chrysanthemum</i> sp..... | England, Netherlands..... | 1 | | 11 | N. J., N. Y. |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
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[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|-----------------------------|----------|-------------|---------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Anuraphis helichrysi</i> (Kltb.) (Aphidae)—Con. | | | | | |
| Daisy | Italy | 1 | | 1 | N. Y. |
| <i>Dianthus</i> sp. (carnation) | do | 2 | | | N. Y. |
| <i>Gerbera</i> sp. | Bermuda | 1 | | | N. Y. |
| <i>Mertensia</i> sp. (bluebells) | England | | | 1 | N. J. |
| <i>Myosotis</i> sp. (forgetmenot) | Sweden | 1 | | | N. Y. |
| <i>Papaver</i> sp. | England | | | 1 | N. J. |
| <i>Aonidiella citrina</i> (Coq.) (Coccidae): | | | | | |
| <i>Citrus limon</i> (lemon) | Japan | | 1 | | Calif.* |
| <i>Aonidiella inornata</i> McKenzie (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut) | Guam, Philippines | 3 | | | Calif.* |
| <i>Aphis grossulariae</i> Kltb. (?) (Aphidae): | | | | | |
| <i>Ribes</i> sp. (currant) | Ireland | | | 1 | N. Y. |
| <i>Apion carduorum</i> Kby. (Curculionidae): | | | | | |
| <i>Cynara scolymus</i> (globe artichoke) | France | | 3 | | Pa. |
| <i>Apion carduorum</i> Kby. (?) (Curculionidae): | | | | | |
| <i>Cynara scolymus</i> (globe artichoke) | Italy | | 1 | | Va. |
| <i>Apion carduorum</i> Kby. var. (Curculionidae): | | | | | |
| <i>Cynara scolymus</i> (globe artichoke) | France | | 1 | | Pa. |
| <i>Apion pomonae</i> F. (Curculionidae): | | | | | |
| <i>Vicia</i> sp. (vetch) | Azores | 1 | | | Mass. |
| <i>Araecerus vieillardii</i> Montr. (Anthribidae): | | | | | |
| <i>Ipomoea tuberosa</i> (wood rose) | Hawaii | 1 | | | Hawaii. |
| <i>Arctothelia cataphracta</i> (Shaw) (Coccidae): | | | | | |
| <i>Calluna vulgaris</i> (heather) | England | | | 1 | Ill. |
| <i>Lilium</i> sp. (lily) | Scotland | | | 1 | N. J. |
| Woods moss | Ireland | | | 1 | N. J. |
| <i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae): | | | | | |
| <i>Malus sylvestris</i> (apple) | Finland, Norway, Sweden. | 8 | | | N. Y. |
| <i>Argyroploce leucotreta</i> Meyr. (Olethreutidae): | | | | | |
| <i>Citrus sinensis</i> (orange) | Union of South Africa | 1 | 1 | | N. Y., Pa. |
| <i>Aspidiotus britannicus</i> Newst. (Coccidae): | | | | | |
| <i>Laurus nobilis</i> (Grecian laurel) | England | | 1 | | N. Y. |
| <i>Ruscus aculeatus</i> (butchersbroom) | Italy | | | 1 | Calif.* |
| <i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut) | Philippines | 2 | 6 | | Calif.* |
| <i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae): | | | | | |
| <i>Abies</i> sp. (fir) | Japan | | 1 | | Wash. |
| <i>Aspidiotus degeneratus</i> (Leon) (Coccidae): | | | | | |
| <i>Gardenia</i> spp. | Philippines | 1 | | | Calif.* |
| <i>Aspidiotus destructor</i> Sign. (Coccidae): | | | | | |
| <i>Annona squamosa</i> (sugar-apple) | Cuba | | 1 | | Fla.* |
| <i>Cocos nucifera</i> (coconut) | Canal Zone, Costa Rica, Ecuador, Mexico, Panama, Philippines. | 31 | 1 | | Calif.*, Tex. |
| Orchid | Canal Zone | | | 1 | Fla. |
| <i>Persea americana</i> (avocado) | Haiti | | | 1 | Fla. |
| <i>Aspidiotus diffinis</i> Newst. (Coccidae): | | | | | |
| <i>Persea americana</i> (avocado) | Mexico | | | 1 | Tex. |
| <i>Philodendron</i> sp. | Costa Rica | | | 1 | Fla. |
| <i>Aspidiotus excisus</i> Green (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut) | Philippines | 1 | | | Calif.* |
| <i>Lonicera</i> sp. | Trinidad | | | 2 | Ala. |
| <i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae): | | | | | |
| <i>Bursera simaruba</i> (?) | Dominican Republic | 1 | | | Fla.* |
| <i>Plumeria</i> sp. | Hawaii | | | 3 | Calif.* |
| <i>Spondias cytherea</i> (golden-apple) | Puerto Rico | 1 | | | N. Y. |
| <i>Spondias mombin</i> (yellow mombin) | do | 1 | | | N. Y. |
| <i>Aspidiotus palmarum</i> Ckll. (Coccidae): | | | | | |
| <i>Citrus paradisi</i> (grapefruit) | Panama | | 1 | | Calif.* |
| <i>Laurus nobilis</i> (Grecian laurel) | Brazil | | 1 | | Fla.* |
| Leaf | Philippines | 1 | | | Hawaii. |
| Leguminosae | Saipan | 1 | | | Hawaii. |
| <i>Aspidiotus pangoensis</i> Doane & Ferris (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut) | Tutuila Island | 2 | | | Calif.* |
| <i>Aspidiotus spiniger</i> Ldgr. (Coccidae): | | | | | |
| <i>Strophanthus glaber</i> | French Cameroons | | | 1 | D. C. |
| <i>Strophanthus</i> sp. | do | | | 1 | D. C. |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

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| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|-----------------------------|----------|-------------|-----------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Aspidiotus spinosus</i> Comst. (Coccidae): | | | | | |
| <i>Areca cathecu</i> (betel palm)..... | Philippines..... | 1 | | | Hawaii. |
| <i>Astrocaryum confertum</i> | Honduras..... | | | 1 | D. C. |
| <i>Carica papaya</i> (papaya)..... | Mexico..... | 1 | | | Calif.* |
| <i>Cocos nucifera</i> (coconut)..... | do..... | | 1 | | Calif.* |
| <i>Diospyros</i> sp. (persimmon)..... | Italy..... | | 1 | | N. Y. |
| <i>Aspidiotus zonatus</i> Frauenf. (Coccidae): | | | | | |
| <i>Ceratonia siliqua</i> (carob)..... | Tunisia..... | | | 1 | D. C. |
| <i>Ficus carica</i> (fig)..... | Italy..... | | | 1 | N. Y. |
| <i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): | | | | | |
| Bamboo..... | Mexico..... | 1 | | 1 | Calif., Tex. |
| <i>Asterolecanium epidendri</i> (Bouche) (Coccidae): | | | | | |
| Bromeliad..... | Colombia..... | | | 1 | Fla. |
| <i>Cattleya</i> sp. (orchid)..... | Brazil..... | | | 1 | Calif.* |
| <i>Epidendrum</i> sp. (orchid)..... | Cuba..... | | | 1 | Fla. |
| <i>Laelia purpurata</i> (orchid)..... | Brazil..... | | | 1 | N. J. |
| <i>Oncidium crispum</i> (orchid)..... | Colombia..... | | | 1 | Calif.* |
| <i>Oncidium</i> sp..... | do..... | | | 1 | Calif.* |
| Orchid..... | Brazil, Costa Rica, Jamaica, Venezuela. | | | 9 | Fla., N. J. |
| <i>Asterolecanium pustulans</i> Ckll. (Coccidae): | | | | | |
| <i>Heliotropium</i> sp. (heliotrope)..... | Panama..... | | | 1 | N. J. |
| <i>Jasminum sambac</i> (?)..... | Mexico..... | | 1 | | Calif.* |
| <i>Asterolecanium stentae</i> Brain (Coccidae): | | | | | |
| <i>Caralluma piaranthoides</i> | Rhodesia..... | | | 1 | Calif.* |
| <i>Astyochus setiger</i> Bates (Cerambycidae): | | | | | |
| <i>Guajacum officinale</i> (lignumvitae)..... | Guatemala..... | 1 | | | N. Y. |
| <i>Attagenus gloriosae</i> (F.) (Dermestidae): | | | | | |
| <i>Linum</i> sp. (flax)..... | Mexico..... | 1 | | | Ariz. |
| <i>Aulacaspis tubercularis</i> Newst. (Coccidae): | | | | | |
| <i>Mangifera indica</i> (mango)..... | Cuba, Dominica, Salvador. | 3 | | | Calif.,* Mass., N. Y. |
| <i>Automeris randa</i> Druce (Saturniidae): | | | | | |
| Orchid..... | Mexico..... | | | 1 | Tex. |
| <i>Bostrychoplites cornutus</i> (Oliv.) (Bostrichidae): | | | | | |
| Wood crate..... | Gold Coast..... | 1 | | | Va. |
| <i>Brachyacma palpigera</i> (Wlsm.) (Gelechiidae): | | | | | |
| <i>Cajanus cajan</i> (pigeonpea)..... | Puerto Rico..... | 1 | | | P. R. |
| <i>Brachycerus albidentatus</i> Gyll. (Curculionidae): | | | | | |
| <i>Allium sativum</i> (garlic)..... | Italy..... | 15 | 1 | | N. Y., Pa. |
| <i>Brachycerus algerus</i> (F.) (Curculionidae): | | | | | |
| <i>Allium sativum</i> (garlic)..... | do..... | 3 | | | Mich., N. Y. |
| <i>Brachyrhinus ovatus</i> (L.) (Curculionidae): | | | | | |
| <i>Calluna vulgaris</i> (heather)..... | Canada..... | | | 1 | Wash. |
| <i>Dianthus</i> sp. (carnation)..... | Denmark..... | | | 1 | N. Y. |
| <i>Rubus</i> sp..... | Canada..... | | | 1 | N. J. |
| <i>Brachyrhinus sulcatus</i> (F.) (Curculionidae): | | | | | |
| Burlap around rhododendron plant..... | Netherlands..... | | | 1 | N. J. |
| <i>Bradybaena similis</i> (Fer.) (Mollusca): | | | | | |
| <i>Dianthus</i> sp. (carnation) & snapdragons..... | Bermuda..... | 1 | | | Va. |
| <i>Lonas annua</i> (African daisy)..... | do..... | | | 1 | N. Y. |
| <i>Pelargonium</i> sp. (geranium)..... | do..... | | | 1 | N. Y. |
| <i>Phaseolus vulgaris</i> | do..... | | 1 | | Pa. |
| <i>Brochymena aculeata</i> Dist. (Pentatomidae): | | | | | |
| <i>Lycopersicon esculentum</i> (tomato)..... | Mexico..... | 1 | | | Tex. |
| <i>Bruchidius aurivillii</i> (Blanc) (Bruchidae): | | | | | |
| <i>Acacia farnesiana</i> (sweet acacia)..... | France..... | | | 1 | N. J. |
| <i>Bruchidius gilvus</i> (Gyll.) (Bruchidae): | | | | | |
| <i>Desmodium</i> sp..... | Italy..... | | | 1 | Fla. |
| <i>Hedysarum coronarium</i> | do..... | | | 1 | N. Y. |
| <i>Bruchidius incarnatus</i> Boh. (Bruchidae): | | | | | |
| <i>Lens culinaris</i> (lentil)..... | Egypt..... | 1 | | | N. Y. |
| <i>Vicia faba</i> (broadbean)..... | Egypt, Lebanon..... | 5 | | 1 | Md., Mass., N. Y. |
| <i>Vicia</i> sp..... | Egypt..... | 1 | | | N. Y. |
| <i>Bruchidius lividimonus</i> (Gyll.) var. (Bruchidae): | | | | | |
| <i>Cytisus scoparius</i> (Scotch broom)..... | Italy..... | | | 1 | N. J. |

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| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|---|-----------------------------|----------|------------------|--------------------------------------|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Bruchidius quinqueguttatus</i> (Oliv.) (Bruchidae): | | | | | |
| <i>Vicia lutea</i> (yellow vetch) | Turkey | | | 1 | D. C. |
| <i>Vicia sativa</i> (vetch) | Syria | | | 1 | D. C. |
| <i>Bruchus atomarius</i> L. (Bruchidae): | | | | | |
| <i>Vicia faba</i> (broadbean) | Netherlands | | | 1 | D. C. |
| <i>Bruchus azoricus</i> Cr. (Bruchidae): | | | | | |
| <i>Vicia</i> sp. | Azores | | | 1 | Mass. |
| <i>Bruchus brachialis</i> Fahr. (Bruchidae): | | | | | |
| <i>Vicia villosa</i> (hairy vetch) | Turkey | | | 1 | D. C. |
| <i>Bruchus dentipes</i> Baudi (Bruchidae): | | | | | |
| <i>Vicia faba</i> (broadbean) | Cyprus, Lebanon, Syria | 5 | | 2 | Mass., N. J., N. Y. |
| <i>Vicia sativa</i> (vetch) | Syria | | | 1 | D. C. |
| <i>Vicia</i> sp. | Syria, Turkey | 1 | | 2 | La., N. J., Oreg. |
| <i>Bruchus emarginatus</i> Allard (Bruchidae): | | | | | |
| <i>Pisum sativum</i> (pea) | India | | | 2 | D. C. |
| <i>Bruchus ervi</i> Froel. (Bruchidae): | | | | | |
| <i>Lens culinaris</i> (lentil) | Ireland, Italy, Syria, Turkey | 8 | | 3 | D. C., N. Y. |
| <i>Lens</i> sp. | Syria | | | 1 | N. J. |
| <i>Vicia sativa</i> (vetch) | do | 1 | | | La. |
| <i>Bruchus guttalis</i> Rcy. (Bruchidae): | | | | | |
| <i>Vicia sativa</i> (vetch) | Azores | 2 | | | Mass. |
| <i>Vicia</i> sp. | Azores, Italy | 3 | | | Mass., N. Y. |
| <i>Bruchus hamatus</i> Mill. (Bruchidae): | | | | | |
| <i>Vicia sativa</i> (vetch) | Turkey | | | 1 | N. J. |
| <i>Vicia</i> sp. | do | | | 1 | N. J. |
| <i>Bruchus lentis</i> Froel. (Bruchidae): | | | | | |
| <i>Lens culinaris</i> (lentil) | Germany, Ireland, Italy | 7 | | 1 | D. C., N. Y. |
| <i>Bruchus luteicornis</i> Ill. (Bruchidae): | | | | | |
| Grass packing | France | | | 1 | N. J. |
| <i>Vicia sativa</i> (vetch) | France, Poland | 3 | 1 | | Ala., La., N. Y., Tex. |
| <i>Vicia</i> sp. | Azores, France, Ger- many, Italy, Portugal | 6 | 1 | 1 | Md., Mass., N. J., N. Y., Tex. |
| <i>Bruchus rufipes</i> Hbst. (Bruchidae): | | | | | |
| <i>Vicia faba</i> (broadbean) | Italy | 1 | | | N. Y. |
| <i>Vicia sativa</i> (vetch) | Italy, Syria | 2 | | | La. |
| <i>Vicia</i> sp. | Bulgaria, Italy, Turkey | 1 | | 2 | Ala., N. Y., Oreg. |
| <i>Bruchus signaticornis</i> Gyll. (Bruchidae): | | | | | |
| <i>Lens culinaris</i> (lentil) | Italy | 5 | | | N. Y. |
| <i>Vicia monantha</i> (bard vetch) | Spain | | | 1 | D. C. |
| <i>Bruchus tristiculus</i> Fahr. (Bruchidae): | | | | | |
| <i>Lathyrus odoratus</i> (sweet pea) | France, Portugal | | | 2 | N. Y. |
| <i>Lathyrus sativus</i> (grass pea) | Italy, Portugal | 1 | | 2 | Mass., N. J., N. Y. |
| <i>Vicia sativa</i> (vetch) | Greece | 1 | | | D. C. |
| <i>Bruchus tristis</i> Boh. (Bruchidae): | | | | | |
| Bean | Azores | 1 | | | Mass. |
| <i>Lathyrus sativus</i> (grass pea) | Italy, Portugal, Turkey | 4 | | 6 | D. C., Mass., N. J., N. Y. |
| <i>Lathyrus</i> sp. | Italy | 3 | | 1 | N. Y. |
| Legume | do | | | 1 | Mass. |
| Lupine | do | 1 | | | N. Y. |
| <i>Lupinus albus</i> (white lupine) | do | 1 | | | Ohio. |
| <i>Vicia faba</i> (broadbean) | do | | | 1 | Md. |
| <i>Vicia sativa</i> (vetch) | Greece | 2 | | | D. C. |
| <i>Vicia</i> sp. | Turkey | | | 1 | N. J. |
| <i>Bruchus ulicis</i> Muls. (Bruchidae): | | | | | |
| <i>Lens culinaris</i> (lentil) | Italy | 2 | | | N. Y. |
| <i>Vicia ervilia</i> (bitter vetch) | Syria, Turkey | | | 2 | D. C. |
| <i>Vicia</i> sp. | do | | | 2 | N. J. |
| <i>Cacoecia pronubana</i> (Hbn.) (Tortricidae): | | | | | |
| <i>Laurus nobilis</i> (Grecian laurel) | England | | 7 | | N. Y. |
| <i>Callidium rufipenne</i> Mots. (Cerambycidae): | | | | | |
| <i>Diospyros</i> sp. (persimmon) | Japan | 1 | | | Hawaii. |

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|--|---|-----------------------------|----------|------------------|----------------------------|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Callidium violaceum</i> (L.) (Cerambycidae): | | | | | |
| <i>Picea</i> sp. (spruce)----- | Finland----- | 1 | | | N. Y. |
| <i>Pinus</i> sp. (pine)----- | Germany----- | 1 | | | N. Y. |
| Wood crating----- | Sweden----- | 1 | | | Oreg. |
| <i>Calligrapha argus</i> Stal (Chrysomelidae): | | | | | |
| Bromeliad----- | Mexico----- | | | 1 | Tex. |
| <i>Calligrapha diversa</i> (Stal) (Chrysomelidae): | | | | | |
| Orchid----- | do----- | | | 1 | Ariz. |
| <i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): | | | | | |
| <i>Pueraria thunbergiana</i> (kudzu-bean)----- | China, Japan, Korea----- | | | 7 | D. C., N. J., N. Y. |
| <i>Pueraria</i> sp.----- | India----- | | | 1 | D. C. |
| <i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae): | | | | | |
| <i>Dolichos lablab</i> (hyacinth-bean)----- | British West Indies, India----- | | | 2 | D. C., N. J. |
| <i>Dolichos</i> sp.----- | St. Vincent----- | 2 | | | N. Y. |
| Legume seed----- | Montserrat, Philippines----- | 1 | | 1 | Mass., Wash. |
| <i>Callosobruchus pulcher</i> Pic (Bruchidae): | | | | | |
| Legume seed----- | Philippines----- | 1 | | | Wash. |
| <i>Phaseolus angularis</i> (adzuki bean)----- | Japan----- | 1 | | | Hawaii. |
| <i>Camaromyia bullans</i> (Wied.) (Tephritidae): | | | | | |
| <i>Xanthium</i> sp. (cocklebur)----- | Australia----- | 1 | | | Mass. |
| <i>Capaneus tetricus</i> Stal (Coreidae): | | | | | |
| Orchid----- | Mexico----- | | | 1 | Tex. |
| <i>Capitophorus avellanae</i> Schrank (?) (Aphidae): | | | | | |
| <i>Corylus avellana</i> (filbert)----- | Italy----- | 1 | | | N. Y. |
| <i>Capitophorus chrysanthemi</i> Theob. (?) (Aphidae): | | | | | |
| <i>Chrysanthemum</i> sp.----- | Netherlands----- | | | 1 | N. J. |
| <i>Carbula marginella</i> (Thunb.) (Pentatomidae): | | | | | |
| <i>Vitis</i> sp. (grape)----- | Union of South Africa----- | 1 | | | N. Y. |
| <i>Carposina sasakii</i> Mats. (Carposinidae): | | | | | |
| <i>Malus sylvestris</i> (apple)----- | Korea----- | 1 | | | Minn. |
| <i>Caryedon fuscus</i> (Goeze) (Bruchidae): | | | | | |
| <i>Acacia farnesiana</i> ----- | Hawaii----- | | | 1 | Hawaii. |
| <i>Albizzia amara</i> ----- | India----- | | | 1 | N. J. |
| <i>Arachis hypogaea</i> (peanut)----- | Portugal----- | | | 1 | Mass. |
| <i>Cassia javanica</i> (appleblossom senna)----- | Hawaii----- | | | 1 | Hawaii. |
| <i>Cassia</i> sp.----- | do----- | 2 | | | Hawaii. |
| <i>Kerstingiella geocarpa</i> ----- | Gold Coast----- | | | 1 | D. C. |
| <i>Ceratitis anonae</i> Grah. (Tephritidae): | | | | | |
| <i>Persea americana</i> (avocado)----- | do----- | | 1 | | N. Y. |
| <i>Ceratitis capitata</i> (Wied.) (Tephritidae): | | | | | |
| <i>Annona cherimola</i> (cherimoya)----- | Madeira Islands----- | 1 | | | N. Y. |
| <i>Annona</i> sp.----- | do----- | 1 | | | Mass. |
| <i>Citrus limon</i> (lemon)----- | Italy----- | 2 | | | N. Y. |
| <i>Citrus paradisi</i> (grapefruit)----- | Canary Islands, Cy- prus, Egypt, Israel, Spain----- | | 13 | | Mass., N. Y., Pa., Tex. |
| <i>Citrus reticulata</i> (Mandarin orange)----- | Azores, Italy, Malta, Portugal, Spain, Syria, unknown----- | 13 | 8 | | La., Mass., N. Y., Va. |
| <i>Citrus sinensis</i> (orange)----- | Algeria, Azores, Egypt, France (?), Italy, Por- tugal, Spain----- | 9 | 28 | | La., Mass., N. Y., Pa. |
| <i>Coffea</i> sp. (coffee)----- | Brazil, Hawaii----- | 2 | | | Fla.*, Hawaii. |
| <i>Cydonia oblonga</i> (quince)----- | Italy, Portugal----- | 4 | | | Mass., N. Y. |
| <i>Diospyros</i> sp. (persimmon)----- | Italy----- | 1 | | | Mass. |
| <i>Eriobotrya japonica</i> (loquat)----- | Madeira Islands----- | 2 | | | N. Y. |
| <i>Ficus carica</i> (fig.)----- | Azores, Italy----- | 2 | | | Mass., N. Y. |
| <i>Fortunella japonica</i> (kumquat)----- | France----- | 1 | | | N. Y. |
| <i>Malus sylvestris</i> (apple)----- | France, Italy, Portugal----- | 5 | | | Mass., N. Y. |
| <i>Opuntia compressa</i> (pricklypear)----- | Italy----- | 7 | | | N. Y. |
| <i>Prunus domestica</i> (plum)----- | Azores----- | 2 | | | Mass. |
| <i>Prunus persica</i> (peach)----- | Azores, France, Portu- gal, Syria----- | 4 | 4 | | Mass., N. Y. |
| <i>Psidium guajava</i> (guava)----- | Israel, Portugal----- | 2 | | | Mass. |
| <i>Psidium littorale</i> (strawberry guava)----- | Portugal----- | 1 | | | Mass. |

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[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|-----------------------------|----------|-------------|---|
| | | Consumption | Nonentry | Propagation | |
| <i>Ceratitis capitata</i> (Wied.) (Tephritidae)—Con. <i>Pyrus communis</i> (pear)----- | Austria (?), Azores, France, Italy, Portugal, Turkey. | 12 | 8 | ----- | Mass., N. Y. |
| In package with oranges and tangerines----- | Italy----- | 1 | ----- | ----- | N. Y. |
| In package with oranges, plums, pears, and grapes. | Portugal----- | ----- | 1 | ----- | Mass. |
| In package with peaches, pricklypears, and pomegranates. | Italy----- | 1 | ----- | ----- | N. Y. |
| <i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae): | | | | | |
| Cactus----- | do----- | 1 | ----- | ----- | N. Y. |
| <i>Citrus paradisi</i> (grapefruit)----- | Cyprus----- | ----- | 1 | ----- | N. Y. |
| <i>Citrus sinensis</i> (orange)----- | French West Africa, Italy, Portugal. | 1 | 3 | ----- | Mass., N. Y. |
| <i>Coffea</i> sp. (coffee)----- | Hawaii----- | 1 | ----- | ----- | Calif.* |
| <i>Ficus carica</i> (fig)----- | France, Italy, Lebanon | 3 | ----- | ----- | N. Y. |
| <i>Malus sylvestris</i> (apple)----- | France----- | 1 | ----- | ----- | N. Y. |
| <i>Mangifera indica</i> (mango)----- | Egypt----- | 1 | ----- | ----- | N. Y. |
| <i>Opuntia compressa</i> (pricklypear)----- | Italy, Spain----- | 2 | ----- | ----- | N. Y. |
| <i>Prunus armeniaca</i> (apricot)----- | France, Italy----- | 2 | ----- | ----- | Mass., N. Y. |
| <i>Prunus persica</i> (peach)----- | Italy----- | 2 | ----- | ----- | N. Y. |
| <i>Prunus persica nectarina</i> (nectarine)----- | do----- | 1 | ----- | ----- | N. Y. |
| <i>Pyrus communis</i> (pear)----- | France, Syria----- | 1 | 2 | ----- | Mass., N. Y. |
| <i>Ceroplastes denudatus</i> Ckll. (Coccidae): | | | | | |
| <i>Laurus nobilis</i> (Grecian laurel)----- | Virgin Islands----- | 1 | ----- | ----- | N. Y. |
| <i>Ceroplastes rubens</i> Mask. (Coccidae): | | | | | |
| <i>Anthurium</i> sp----- | Hawaii----- | 2 | ----- | ----- | Calif.* |
| <i>Camellia japonica</i> var----- | Japan----- | ----- | ----- | 1 | Calif.* |
| <i>Camellia</i> sp----- | do----- | ----- | ----- | 1 | Wash. |
| <i>Euonymus europaeus</i> (European euonymus)----- | do----- | ----- | ----- | 1 | Calif.* |
| Fern----- | Guam----- | ----- | ----- | 1 | Hawaii. |
| <i>Lycium chinense</i> (Chinese matrimony-vine)----- | Japan----- | ----- | ----- | 1 | Calif.* |
| <i>Todea barbara</i> ----- | Australia----- | ----- | ----- | 1 | Calif.* |
| <i>Ceroplastes rusci</i> (L.) (Coccidae): | | | | | |
| <i>Ficus carica</i> (fig)----- | Azores, Germany, Greece, Italy. | 3 | ----- | 3 | Fla., Mass., N. Y. |
| <i>Ceutorhynchus assimilis</i> Payk. (Curculionidae): | | | | | |
| Orchid----- | Unknown----- | 1 | ----- | ----- | Hawaii. |
| <i>Chaetocnema concinna</i> (Marsh.) (Chrysomelidae): | | | | | |
| Wood moss with <i>Ribes</i> plants----- | Denmark----- | ----- | ----- | 1 | N. J. |
| <i>Chaetocnema hortenensis</i> (Geoff.) (Chrysomelidae): | | | | | |
| <i>Laburnum</i> sp----- | do----- | ----- | ----- | 1 | N. J. |
| <i>Rhododendron</i> sp----- | England----- | ----- | ----- | 1 | Wash. |
| <i>Chalcolepidius approximatus</i> Er. (Elateridae): | | | | | |
| <i>Gladiolus</i> sp----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Chelysoma variabilis</i> (H.-S.) (Pentatomidae): | | | | | |
| Cactus----- | do----- | ----- | ----- | 1 | Tex. |
| <i>Chilo simplex</i> (Btlr.) (Crambidae): | | | | | |
| <i>Oryza sativa</i> (rice)----- | China, Germany, Japan | 17 | ----- | ----- | Calif.,* Fla.,* Hawaii, Ill., La., N. Y., Tex., Wash. |
| <i>Chilo simplex</i> (Btlr.) (?) (Crambidae): | | | | | |
| <i>Oryza sativa</i> (rice)----- | Egypt----- | 1 | ----- | ----- | Pa. |
| <i>Chionaspis elongata</i> (Green) (Coccidae): | | | | | |
| Bamboo----- | China----- | 1 | ----- | ----- | Calif.* |
| " <i>Chionaspis</i> " <i>exalbida</i> Ckll. (Coccidae): | | | | | |
| <i>Aloe</i> sp----- | Transvaal----- | ----- | ----- | 1 | Calif.* |
| " <i>Chionaspis</i> " <i>funtumiae</i> Newst. (Coccidae): | | | | | |
| <i>Alafia</i> sp----- | Nigeria----- | ----- | ----- | 1 | D. C. |
| <i>Chrysolina americana</i> (L.) (Chrysomelidae): | | | | | |
| <i>Rosmarinus officinalis</i> (rosemary)----- | Italy----- | ----- | 1 | ----- | La. |
| <i>Chrysomphalus inopinatus</i> (Leon.) (Coccidae): | | | | | |
| <i>Pistacia vera</i> (pistache)----- | Lebanon, Syria----- | 3 | ----- | ----- | N. Y. |
| <i>Pyrus communis</i> (pear)----- | Lebanon----- | ----- | ----- | 2 | Mass. |

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|---|--|-----------------------------|----------|-------------|--------------------------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae): | | | | | |
| <i>Abies</i> sp. (fir) | Mexico | 1 | | | Tex. |
| <i>Laelia autumnalis</i> (orchid) | do | | | 1 | Tex. |
| <i>Laelia majalis</i> | do | | | 1 | Tex. |
| <i>Laelia</i> sp. | do | | | 1 | Calif.* |
| Orchid | do | | | 1 | Ariz. |
| <i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae): | | | | | |
| <i>Acacia</i> sp. | Galapagos Islands | | 1 | | Calif.* |
| Orchid | Jamaica | | | 1 | Fla. |
| <i>Chrysomphalus personatus</i> (Comst.) (Coccidae): | | | | | |
| <i>Citrus aurantifolia</i> (sour lime) | Mexico | | 1 | | Calif.* |
| <i>Cocos nucifera</i> (coconut) | Costa Rica, Guatemala | 2 | 1 | | Calif.* |
| <i>Hyperbaena ilicifolia</i> | Mexico | 1 | | | Ariz. |
| <i>Laurus nobilis</i> (Grecian laurel) | Brazil, Martinique | 1 | 1 | | N. Y., Tex. |
| <i>Persea americana</i> (avocado) | Mexico | | | 1 | Tex. |
| <i>Chrysomphalus pinnulifera</i> (Mask.) (Coccidae): | | | | | |
| <i>Citrus</i> sp. | Unknown | | 1 | | Mass. |
| <i>Moraea bicolor</i> (yellow moraea) | India | | | 1 | Tex. |
| <i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae): | | | | | |
| <i>Citrus aurantifolia</i> (lime) | Mexico | 1 | | | Calif.* |
| <i>Citrus</i> sp. | Nicaragua | 1 | | | Calif.* |
| <i>Philodendron</i> sp. | Mexico | | | 1 | Tex. |
| Plant | Salvador | | | 1 | Calif.* |
| <i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae): | | | | | |
| Leaf | Mexico | 2 | | | Tex. |
| <i>Philodendron</i> sp. | do | | | 3 | Tex. |
| <i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): | | | | | |
| <i>Brassavola nodosa</i> (orchid) | Jamaica | | | 1 | N. J. |
| <i>Cattleya deckeri</i> (orchid) | Canal Zone | | | 1 | Calif.* |
| Orchid | Jamaica, Venezuela | | | 2 | Fla., Tex. |
| <i>Philodendron</i> sp. | Guatemala, Mexico | | | 2 | Fla., Tex. |
| <i>Chrysomphalus tingi</i> (McKenzie) (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut) | Costa Rica | 1 | | | Calif.* |
| <i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae): | | | | | |
| <i>Cattleya</i> sp. (orchid) | Venezuela | | | 2 | N. J. |
| <i>Chysis</i> sp. (orchid) | Guatemala | | | 1 | Tex. |
| <i>Laelia rubescens</i> (orchid) | Costa Rica | | | 1 | Calif.* |
| <i>Oncidium panamense</i> (orchid) | Canal Zone | | | 1 | Hawaii. |
| <i>Oncidium</i> sp. | Guatemala | | | 1 | Tex. |
| Orchid | Guatemala, Honduras, Venezuela | | | 4 | Fla., N. J., Tex. |
| <i>Schomburgkia</i> sp. (orchid) | Mexico | | | 1 | Tex. |
| <i>Cletus ochraceus</i> (H.-S.) (Coreidae): | | | | | |
| <i>Vitis</i> sp. (grape) | Union of South Africa | 1 | | | N. Y. |
| <i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae): | | | | | |
| <i>Euterpe badiocarpa</i> (palm) | Brazil | | | 1 | N. J. |
| Palm | Mexico | | | 1 | Tex. |
| <i>Ptychosperma elegans</i> (solitaire palm) | Argentina | | | 1 | N. J. |
| <i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae): | | | | | |
| <i>Cattleya gaskelliana pallida</i> (orchid) | Guatemala | | | 1 | Tex. |
| <i>Cattleya mossiae</i> | do | | | 1 | Calif.* |
| <i>Oncidium</i> sp. (orchid) | Germany | | | 1 | N. J. |
| <i>Coccus viridis</i> (Green) (Coccidae): | | | | | |
| <i>Alpinia purpurata</i> | Hawaii | 1 | | | Calif.* |
| <i>Citrus paradisi</i> (grapefruit) | Bahamas, British West Indies | 1 | 1 | | Fla.,* N. Y. |
| <i>Citrus</i> sp. | Bahamas | 1 | | | Fla.* |
| <i>Gardenia augusta</i> (gardenia) | Brazil, Cuba, Dominican Republic, Hawaii, Puerto Rico, Venezuela | 27 | | 1 | Calif.,* Fla.,* Hawaii, N. Y., P. R. |
| <i>Gardenia</i> sp. | Hawaii, Philippines | 2 | | 1 | Calif.* |
| <i>Gomphrena</i> sp. | Puerto Rico | 1 | | | P. R. |
| <i>Ixora</i> sp. | Dominican Republic, Jamaica | | | 2 | Fla., P. R. |
| <i>Ligustrum</i> sp. | Trinidad | | | 1 | Ala. |
| Plant | Dominican Republic | | | 1 | P. R. |

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|---|---|-----------------------------|----------|-------------|------------------------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Colaspis inconspicua</i> Jac. (Chrysomelidae): Airplane | Guatemala | | 1 | | Tex. |
| <i>Conchaspis angraeci</i> Ckll. (Coccidae): <i>Cattleya mossiae</i> (orchid) | Venezuela | | | 1 | D. C. |
| <i>Oncidium</i> sp. (orchid) | Mexico | | | 1 | Tex. |
| Orchid | Cuba, Trinidad | | | 3 | Fla. |
| <i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado) | Mexico | 178 | 1 | | Ariz., Calif.,* Tex. |
| <i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado) | Guatemala, Honduras, Mexico. | 6 | 2 | | Calif.,* La., Tex. |
| <i>Copaxa lavendera</i> Westw. (Saturniidae): Orchid | Mexico | | | 1 | Tex. |
| <i>Coptotermes formosanus</i> (Shiraki) (Rhinotermitidae): <i>Aglaonema simplex</i> (China green) | China | | | 1 | Calif.* |
| Wooden packing case | Hawaii | 1 | | | Wash. |
| <i>Coptotermes niger</i> Snyder (Rhinotermitidae): Wooden packing case | do | 1 | | | Wash. |
| <i>Corimelaena elegans</i> (McA. & Mall.) (Pentatomidae): Orchid | Mexico | | | 1 | Tex. |
| <i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana) | Salvador | | | 1 | Calif.* |
| <i>Cossonus canaliculatus</i> (F.) (Curculionidae): <i>Lycopersicon esculentum</i> (tomato) | Mexico | 1 | | | Ariz. |
| <i>Crepidodera asphaltina</i> Suffr. (?) (Chrysomelidae): <i>Lycopersicon esculentum</i> | do | 1 | | | Tex. |
| <i>Crioceris lilii</i> (Scop.) (Chrysomelidae): <i>Lilium candidum</i> (Madonna lily) | France | | | 3 | N. Y. |
| <i>Crociosema plebeiana</i> Zell. (Olethreutidae): <i>Hibiscus esculentus</i> (okra) | Cuba | 5 | | | Fla.,* La., N. Y., Tex. |
| <i>Crophius scabrosus</i> Uhler (Lygaeidae): <i>Centaurea cyanus</i> (bachelors-button) | Mexico | 1 | | | Tex. |
| Orchid | do | | | 2 | Ariz., Tex. |
| <i>Cryphula apicatus</i> (Dist.) (Lygaeidae): <i>Oncidium wentworthianum</i> (orchid) | Guatemala | | | 1 | Calif.* |
| Orchid | do | | | 1 | N. J. |
| <i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus limon</i> (lemon) | Italy | 1 | | | N. Y. |
| <i>Citrus sinensis</i> (orange) | Italy, Spain | 2 | | | N. Y. |
| <i>Punica granatum</i> (pomegranate) | Greece, Israel, Italy, Madeira Islands, unknown. | 9 | | | Ill., Mass., N. Y. |
| <i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae): <i>Macadamia</i> sp. | Hawaii | 1 | | | Hawaii. |
| <i>Cryptorhynchus mangiferae</i> F. (Curculionidae): <i>Mangifera indica</i> (mango) | Hawaii, India, Pakistan, unknown. | 17 | 5 | 1 | Calif.,* Hawaii, Mass., N. Y. |
| <i>Mangifera</i> sp. | Hawaii | 1 | | | Calif.* |
| <i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae): Bamboo | do | 1 | | | Hawaii. |
| Cardboard carton | Puerto Rico | 1 | | | N. Y. |
| Wood | Barbados, Venezuela | 1 | | 1 | Mass., N. Y. |
| <i>Ctenochira cumulata</i> (Boh.) (Chrysomelidae): Orchid | Mexico | | | 1 | Tex. |
| <i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) | India, Philippines | 1 | 1 | | Calif.,* N. Y. |
| <i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) | Antigua, Cuba, Dominican Republic, Haiti, Mexico, Puerto Rico. | 50 | 10 | | Ala., Ga., N. Y., P. R. Tex. |

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|---|---|-----------------------------|----------|-------------|--|
| | | Consumption | Nonentry | Propagation | |
| <i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) ----- | Egypt, Formosa, India, Malaysia, Philippines, Straits Settlements, Tahiti. | 3 | 9 | ----- | Calif.,*Hawaii, Mass., N.Y., Wash. |
| <i>Cylindronotus laevioctostriatus</i> (Goeze) (Tenebrionidae): <i>Sinningia speciosa</i> (gloxinia) ----- | Belgium ----- | ----- | ----- | 1 | N. J. |
| <i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Capsicum frutescens grossum</i> (sweetbell red pepper). ----- | Hawaii ----- | ----- | 1 | ----- | Calif.* |
| <i>Cucumis sativus</i> (cucumber) ----- | do ----- | ----- | 4 | ----- | Calif.* |
| <i>Lycopersicon esculentum</i> (tomato) ----- | do ----- | ----- | 13 | ----- | Ala., Calif.,* La., Wash. |
| <i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae): <i>Cucumis melo</i> (melon) ----- | India ----- | ----- | 1 | ----- | Mass. |
| <i>Cucumis sativus</i> (cucumber) ----- | Hawaii ----- | ----- | 3 | ----- | Calif.* |
| <i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane ----- | do ----- | ----- | 3 | ----- | Hawaii. |
| <i>Capsicum frutescens</i> (pepper) ----- | do ----- | ----- | 2 | ----- | La. |
| <i>Capsicum frutescens grossum</i> (sweetbell red pepper). ----- | do ----- | ----- | 1 | ----- | Calif.* |
| <i>Lycopersicon esculentum</i> (tomato) ----- | do ----- | ----- | 2 | ----- | Calif.* |
| <i>Mangifera indica</i> (mango) ----- | Guam, Hawaii ----- | 3 | ----- | ----- | Calif.,* Hawaii. |
| <i>Musa paradisiaca sapientum</i> (banana) ----- | Hawaii ----- | 4 | 2 | ----- | Calif.* |
| <i>Ochrosia elliptica</i> ----- | do ----- | 1 | ----- | ----- | Calif.* |
| <i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Coffea</i> sp. (coffee) ----- | do ----- | 2 | ----- | ----- | Hawaii. |
| <i>Musa paradisiaca sapientum</i> (banana) ----- | do ----- | 2 | ----- | ----- | Calif.* |
| <i>Persea americana</i> (avocado) ----- | Philippines ----- | ----- | 1 | ----- | Hawaii. |
| <i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive) ----- | Greece, Italy, Lebanon, Portugal, Saudi Arabia, Spain, Syria, Tripoli. | 51 | ----- | 1 | Ill., Mass., N. Y., Oreg., Pa. |
| <i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive) ----- | Italy ----- | 1 | 1 | ----- | Md., Tex. |
| <i>Dercynus micronyx</i> Champ. (Curculionidae): <i>Brownea latifolia</i> (broadleaf flamebean) ----- | Trinidad ----- | ----- | ----- | 1 | Fla. |
| <i>Diabrotica speciosa</i> (Germ.) (Chrysomelidae): <i>Avena sativa</i> (oat) ----- | Argentina ----- | 1 | ----- | ----- | Tex. |
| <i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp. ----- | Netherlands ----- | ----- | ----- | 1 | N. J. |
| <i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Gardenia</i> sp. ----- | Philippines (?) ----- | ----- | 1 | ----- | Calif.* |
| <i>Citrus reticulata</i> (Mandarin orange) ----- | Japan ----- | ----- | 1 | ----- | Calif.* |
| <i>Citrus</i> sp. ----- | Mexico ----- | 1 | ----- | ----- | Tex. |
| <i>Photinia</i> sp. ----- | Japan ----- | ----- | ----- | 1 | Wash. |
| <i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus sinensis</i> (orange) ----- | Mexico ----- | 1 | ----- | ----- | Tex. |
| <i>Citrus</i> sp. ----- | Bahamas ----- | 1 | ----- | ----- | Fla.* |
| Leaf ----- | Mexico ----- | 1 | ----- | ----- | Tex. |
| <i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Gardenia augusta</i> (gardenia) ----- | Syria ----- | ----- | ----- | 1 | N. J. |
| <i>Morinda citrifolia</i> ----- | Hawaii ----- | 1 | ----- | ----- | Calif.* |
| <i>Murraya paniculata</i> (jasminorange) ----- | Siam(?) ----- | 1 | ----- | ----- | Hawaii. |
| <i>Dialeurodes platicus</i> Bondar (?) (Aleyrodidae): <i>Eugenia cauliflora</i> ----- | Brazil ----- | ----- | ----- | 1 | D. C. |
| <i>Dialeuropora setigera</i> Takah. (Aleyrodidae): Leaf ----- | Philippines ----- | 1 | ----- | ----- | Calif.* |
| <i>Diaprepes abbreviatus</i> L. var. (Curculionidae): Plant ----- | Puerto Rico ----- | 1 | ----- | ----- | N. Y. |
| <i>Diaprepes familiaris</i> Oliv. var. (Curculionidae): <i>Nerium oleander</i> (oleander) ----- | Bermuda ----- | 1 | ----- | ----- | N. Y. |
| <i>Diaspis miranda</i> (Ckll.) (Coccidae): <i>Phoradendron flavescens</i> (mistletoe) ----- | Mexico ----- | 1 | ----- | ----- | Tex. |
| <i>Diatraea magnifactella</i> Dyar (Crambidae): <i>Saccharum officinarum</i> (sugarcane) ----- | do ----- | 1 | ----- | ----- | Tex. |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
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| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|-----------------------------|----------|------------------|----------------------|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Dicpyhus errans</i> (Wolff) (Miridae): | | | | | |
| <i>Antirrhinum majus</i> (snapdragon)..... | Germany..... | 1 | ----- | ----- | N. Y. |
| <i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae): | | | | | |
| <i>Cryptomeria</i> sp..... | Japan..... | ----- | ----- | 1 | Wash. |
| <i>Enterolobium timbouva</i> (timboe)..... | Brazil..... | 1 | ----- | ----- | N. Y. |
| <i>Zingiber officinale</i> (ginger)..... | Jamaica..... | 1 | ----- | ----- | N. Y. |
| <i>Dinoderus brevis</i> (Horn) (Bostrichidae): | | | | | |
| Bamboo..... | India, Japan, Philip- pines..... | 6 | 1 | ----- | Hawaii, La., Tex. |
| <i>Cymbidium</i> sp. (orchid)..... | India..... | ----- | ----- | 1 | N. J. |
| Grain..... | do..... | ----- | 1 | ----- | S. C. |
| <i>Juniperus</i> sp. (juniper)..... | Japan..... | ----- | ----- | 1 | Wash. |
| <i>Diocalandra taitensis</i> (Guer.) (Curculionidae): | | | | | |
| <i>Cocos nucifera</i> (coconut)..... | Hawaii..... | 4 | ----- | ----- | Hawaii. |
| <i>Dione moneta poeyii</i> Btlr. (Nymphalidae): | | | | | |
| <i>Philodendron radiatum</i> | Guatemala..... | ----- | ----- | 1 | N. J. |
| <i>Diorymerellus laevimargo</i> Champ. (Curculioni- dae): | | | | | |
| Orchid..... | Mexico..... | ----- | ----- | 5 | Tex. |
| <i>Disonycha antennata</i> Jac. (Chrysomelidae): | | | | | |
| <i>Lycopersicon esculentum</i> (tomato)..... | do..... | 1 | ----- | ----- | Tex. |
| <i>Disonycha militaris</i> Jac. (Chrysomelidae): | | | | | |
| Airplane..... | Guatemala..... | ----- | 1 | ----- | La. |
| <i>Dizygomyza flavifrons</i> (Mg.) (Agromyzidae): | | | | | |
| <i>Dianthus</i> sp. (carnation)..... | Italy..... | 1 | ----- | ----- | N. Y. |
| <i>Drymus assimilis</i> Horvath (Lygaeidae): | | | | | |
| <i>Rhododendron</i> sp..... | England..... | ----- | ----- | 1 | Wash. |
| Woods moss with <i>Ribes</i> plants..... | Denmark..... | ----- | ----- | 1 | N. J. |
| <i>Drymus brunneus</i> (Sahlb.) (Lygaeidae): | | | | | |
| <i>Calluna vulgaris</i> (heather)..... | England..... | 1 | ----- | ----- | Ill. |
| <i>Picea abies</i> (Norway spruce)..... | Norway..... | ----- | ----- | 1 | N. Y. |
| <i>Rhododendron</i> sp..... | England..... | ----- | ----- | 1 | Wash. |
| <i>Drymus sylvaticus</i> (F.) (Lygaeidae): | | | | | |
| <i>Rhododendron azaleodendron</i> | do..... | ----- | ----- | 1 | Wash. |
| <i>Rhododendron</i> sp..... | do..... | ----- | ----- | 1 | Wash. |
| <i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): | | | | | |
| <i>Lycopersicon esculentum</i> (tomato)..... | Mexico..... | 1 | ----- | ----- | Tex. |
| <i>Dyspessa ulula</i> (Bkh.) (Cossidae): | | | | | |
| <i>Allium sativum</i> (garlic)..... | Italy..... | 3 | 1 | 1 | Mass., N. Y. |
| <i>Elytroteinus subtruncatus</i> (Fairm.) (Curculion- idae): | | | | | |
| <i>Cocos nucifera</i> (coconut)..... | Hawaii..... | 1 | ----- | ----- | Hawaii. |
| <i>Emesopsis nubilus</i> Uhler (Reduviidae): | | | | | |
| <i>Lycopersicon esculentum</i> (tomato)..... | Mexico..... | 1 | ----- | ----- | Ariz. |
| <i>Epicaerus cognatus</i> Sharp (Curculionidae): | | | | | |
| <i>Solanum tuberosum</i> (potato)..... | do..... | ----- | 1 | ----- | Fla.* |
| <i>Epicometis hirta</i> (Poda) (Scarabaeidae): | | | | | |
| <i>Cynara scolymus</i> (globe artichoke)..... | Tunisia..... | ----- | 1 | ----- | Pa. |
| Soil and woods moss..... | France..... | ----- | ----- | 1 | N. J. |
| <i>Epidiaspis piricola</i> (del Guer.) (Coccidae): | | | | | |
| <i>Malus sylvestris</i> (apple)..... | England, Italy, Spain, Sweden..... | 5 | 1 | ----- | N. Y. |
| <i>Epinotia lantana</i> Busek (?) (Olethreutidae): | | | | | |
| <i>Lantana aculeata</i> | Bermuda..... | ----- | ----- | 1 | N. Y. |
| <i>Epinotia opposita</i> Hein. (Olethreutidae): | | | | | |
| <i>Phaseolus vulgaris</i> var. (string bean)..... | Brazil, Mexico, Peru, Venezuela..... | 2 | 6 | ----- | N. Y., Pa., Tex. |
| <i>Ereunetis flavistrata</i> Wlsm. (Tineidae): | | | | | |
| <i>Cocos nucifera</i> (coconut)..... | Hawaii..... | 1 | ----- | ----- | Hawaii |
| <i>Ernobius abietis</i> (F.) (Anobiidae): | | | | | |
| <i>Picea</i> sp. (spruce)..... | Germany..... | 1 | ----- | ----- | N. Y. |
| <i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut)..... | Hawaii..... | 1 | ----- | ----- | Hawaii |
| <i>Gardenia augusta</i> (gardenia)..... | Italy, Mexico..... | 1 | ----- | 1 | N. Y., Tex. |
| <i>Eumerus strigatus</i> Fall. (Syrphidae): | | | | | |
| <i>Narcissus</i> sp..... | France..... | ----- | ----- | 1 | N. Y. |
| <i>Eumysia stigmella</i> (Dyar) (Phycitidae): | | | | | |
| <i>Echeveria</i> sp..... | Mexico..... | ----- | ----- | 2 | Calif. |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
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|---|--|-----------------------------|----------|-------------|--|
| | | Consumption | Nonentry | Propagation | |
| <i>Eurydema oleraceum</i> (L.) (Pentatomidae): <i>Ribes</i> sp.----- | Germany----- | | | 1 | N. J. |
| <i>Eurygaster maura</i> (L.) (Pentatomidae): <i>Vitis</i> sp. (grape)----- | Greece----- | 1 | | | N. Y. |
| <i>Eurytoma cynipsea</i> Boh. (Eurytomidae): <i>Salvia</i> sp. (sage)----- | do----- | 1 | | | N. Y. |
| <i>Eurytoma onobrychidis</i> Nik. (Eurytomidae): <i>Onobrychis</i> sp.----- | Turkey----- | | | 1 | D. C. |
| <i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae): <i>Cattleya</i> sp. (orchid)----- | Brazil, Colombia, Venezuela. Trinidad----- | | | 5 1 | Fla. N. J. |
| <i>Epidendrum bicornutum</i> (orchid)----- | Brazil, Colombia, Trinidad, Venezuela. | | | 6 | Fla. |
| <i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)----- | Barbados, Brazil, Hawaii, Puerto Rico, Tahiti, Venezuela, Virgin Islands, West Indies. | 10 | 6 | | Hawaii, La., Mass, N. Y., P. R., Tex., Va. |
| <i>Euxesta annonae</i> F. (Otitidae): <i>Zea mays</i> (corn)----- | British Guiana----- | | 1 | | Ala. |
| <i>Euxesta notata</i> (Wied) (Otitidae): <i>Dianthus</i> sp. (carnation)----- | Bermuda----- | 1 | | | Va. |
| <i>Everes comyntas</i> (Godart) (Lycaenidae): <i>Phaseolus vulgaris</i> var. (string bean)----- | Mexico----- | 1 | | | Ariz. |
| <i>Evergestis forficalis</i> (L.) (Pyraustidae) <i>Brassica oleracea capitata</i> (cabbage)----- | England, Italy----- | | 3 | | Ala., S. C., Tex. |
| <i>Evergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Rorippa nasturtium aquaticum</i> (watercress)----- | Mexico----- | 1 | | | Tex. |
| <i>Exosoma lusitanica</i> (L.) (Chrysomelidae): <i>Muscari comosum</i> (cipollino)----- | Italy----- | 1 | | | N. Y. |
| <i>Rosmarinus officinalis</i> (rosemary)----- | do----- | | | 1 | N. Y. |
| <i>Exptochiomera albomaculata</i> (Dist.) (Lygaeidae): <i>Ananas comosus</i> (pineapple)----- | Mexico----- | 1 | | | Tex. |
| <i>Cucumis melo cantalupensis</i> (cantaloupe)----- | do----- | 1 | | | Ariz. |
| <i>Cucurbita maxima</i> (squash)----- | do----- | 1 | | | Tex. |
| Orchid----- | Guatemala----- | | | 1 | N. J. |
| <i>Persea americana</i> (avocado)----- | Mexico----- | 1 | | | Tex. |
| <i>Solanum tuberosum</i> (potato)----- | do----- | 1 | | | Tex. |
| <i>Zea mays</i> (corn)----- | do----- | 2 | | | Tex. |
| <i>Exptochiomera oblonga</i> (Stal) (Lygaeidae): <i>Cucurbita</i> sp. (Italian squash)----- | do----- | 1 | | | Calif.* |
| <i>Lycopersicon esculentum</i> (tomato)----- | do----- | 2 | | | Ariz. |
| Orchid----- | do----- | | | 1 | Tex. |
| <i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Brassavola nodosa</i> (orchid)----- | Guatemala----- | | | 1 | Calif.* |
| <i>Codiaeum</i> sp. (croton)----- | Philippines----- | | 1 | | Wash. |
| <i>Dendrobium</i> spp. (orchid)----- | do----- | | | 1 | Calif.* |
| <i>Gossypium</i> sp. (cotton)----- | Salvador, Venezuela----- | 1 | | 1 | La., N. Y. |
| <i>Graptophyllum scriptum</i> ----- | Philippines----- | | | 1 | Calif.* |
| <i>Karwinskia humboldtiana</i> ----- | Mexico----- | 1 | | | Tex. |
| <i>Lonicera</i> sp. (honeysuckle)----- | India----- | | 1 | | N. Y. |
| <i>Manihot esculenta</i> (cassava)----- | Panama----- | | | 1 | Calif.* |
| <i>Philodendron</i> sp.----- | Philippines----- | | | 1 | Calif.* |
| Plant----- | Canton Island, Philippines. | | | 2 | Hawaii. |
| <i>Polianthes tuberosa</i> (tuberose)----- | Guatemala----- | | | 1 | La. |
| <i>Fiorinia phantasma</i> Ckll. & Rob. (Coccidae): Leaf----- | Philippines----- | 1 | | | Hawaii. |
| <i>Frankliniella cubensis</i> Hood (Thripidae): <i>Chrysanthemum</i> sp.----- | Bermuda----- | 1 | | | N. Y. |
| <i>Rosa</i> sp.----- | Cuba----- | 1 | | | Tex. |
| <i>Frankliniella difficilis</i> Hood (Thripidae): <i>Nerium oleander</i> (oleander)----- | Bermuda----- | | | 1 | N. Y. |

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| | | Consumption | Nonentry | Propagation | |
| <i>Frankliniella insularis</i> (Frankl.) (Thripidae): | | | | | |
| <i>Antirrhinum majus</i> (snapdragon) | Haiti | 2 | | | P. R. |
| <i>Citrus</i> sp. | Bermuda | 1 | | | N. Y. |
| <i>Coccolobis</i> sp. | do | | | 1 | N. Y. |
| <i>Gardenia augusta</i> (gardenia) | Puerto Rico | 1 | | | P. R. |
| <i>Gladiolus</i> sp. | Haiti | 2 | | | P. R. |
| <i>Hibiscus</i> sp. | Bermuda | 5 | 1 | | N. Y. |
| <i>Iris</i> sp. | do | 1 | | | N. Y. |
| <i>Lilium</i> sp. | do | 1 | | | Mass. |
| <i>Nerium oleander</i> (oleander) | do | 1 | | 1 | N. Y. |
| <i>Passiflora</i> sp. | do | 4 | 1 | | Mass., N. Y. |
| <i>Rosa</i> sp. | Dominican Republic | 1 | | | P. R. |
| <i>Frauenfeldiella jelinekii</i> (Frfd.) (Aleyrodidae): | | | | | |
| <i>Viburnum</i> sp. | Greece | | | 1 | N. Y. |
| <i>Fulvius brevicornis</i> Reuter (Miridae): | | | | | |
| <i>Cedrela</i> sp. | Costa Rica | 1 | | | La. |
| <i>Lilium candidum</i> (Madonna lily) | France | | | 1 | N. J. |
| <i>Fundella pellucens</i> (Zell.) (Phycitidae): | | | | | |
| <i>Cajanus cajan</i> (pigeonpea) | Puerto Rico | 2 | | | P. R. |
| <i>Phaseolus vulgaris</i> var. (string bean) | Aruba | 1 | | | N. Y. |
| <i>Furcaspis biformis</i> (Ckll.) (Coccidae): | | | | | |
| <i>Brassavola</i> sp. (orchid) | Canal Zone | | | 2 | Fla. |
| <i>Catasetum viridiflorum</i> (orchid) | do | | | 1 | Calif.* |
| <i>Cattleya citrina</i> (orchid) | Mexico | | | 1 | Calif.* |
| <i>Cattleya deckeri</i> | Canal Zone | | | 1 | Calif.* |
| <i>Cattleya gigas</i> | Colombia | | | 1 | Calif.* |
| <i>Cattleya</i> sp. | Canal Zone, Colombia, Guam, Puerto Rico, Venezuela. | | | 7 | Calif.,* Fla., N. J. |
| Cutting | Hawaii | | | 1 | Calif.* |
| <i>Epidendrum atropurpureum</i> (orchid) | Canal Zone | | | 3 | N. J., Tex. |
| Fern | Mexico | 1 | | | Ariz. |
| <i>Oncidium</i> sp. (orchid) | Canal Zone, Colombia, Venezuela. | | | 3 | Calif.,* N. J., Tex. |
| Orchid | Brazil, British Guiana, Canal Zone, Colombia, Costa Rica, Hawaii, Panama, Trinidad, Venezuela. | | 1 | 26 | Calif.,* Fla., N. J., N. Y., P. R. |
| Plant | Venezuela | | | 1 | N. J. |
| Pseudobulb | Canal Zone | | | 1 | Calif.* |
| <i>Vanda</i> sp. (orchid) | Hawaii | | | 1 | Calif.* |
| <i>Furcaspis oceanica</i> Ldgr. (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut) | Kwajalein | | | 1 | Hawaii. |
| <i>Galerucella lineola</i> (F.) (Chrysomelidae): | | | | | |
| Woods moss with shrubs | Norway | | | 1 | N. J. |
| <i>Gastrodes pacificus</i> (Prov.) (Lygaeidae): | | | | | |
| <i>Picea</i> sp. (spruce) | Canada | 1 | | | Wash. |
| <i>Gelasma illitirata</i> (Wlk.) (Geometridae): | | | | | |
| <i>Oryza sativa</i> (rice) | Korea | | 1 | | Wash. |
| <i>Gelechia ericetella</i> (Hbn.) (Gelechiidae): | | | | | |
| <i>Calluna vulgaris</i> (heather) | Scotland | 3 | | | Ill., Mass. |
| <i>Genopaschia protomi</i> Dyar (?) (Galleriidae): | | | | | |
| <i>Ananas comosus</i> (pineapple) | Cuba | 1 | | | N. Y. |
| <i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae): | | | | | |
| <i>Coryphantha erecta</i> (cactus) | Mexico | | | 1 | Tex. |
| <i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae): | | | | | |
| <i>Capsicum frutescens</i> (pepper) | Cuba, Mexico | 8 | | | Ariz., N. Y. |
| <i>Capsicum frutescens grossum</i> (sweetbell red pepper). | Mexico, Puerto Rico | 2 | | | Ariz., P. R. |
| <i>Capsicum frutescens longum</i> (chilli pepper) | Mexico | 5 | | | Calif., Tex. |
| <i>Lycopersicon esculentum</i> (tomato) | Bahamas | | 1 | | N. Y. |
| <i>Gortyna flavago</i> (Schiff.) (Phalaenidae): | | | | | |
| <i>Cynara scolymus</i> (globe artichoke) | France | | 1 | | N. Y. |
| <i>Gracilaria azaleella</i> Brants (Gracilariidae): | | | | | |
| <i>Rhododendron indicum</i> (indica azalea) | Belgium | | | 1 | N. J. |
| <i>Rhododendron</i> sp. | Netherlands | | | 5 | N. J., Wash. |

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| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Grapholitha packardii</i> (Zell.) (Olethreutidae): <i>Prunus persica</i> (peach) ----- | Mexico ----- | 1 | | | Tex. |
| <i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae): <i>Citrus sinensis</i> (orange) ----- | Brazil, Trinidad ----- | | 2 | | La. |
| <i>Haplothrips bagnalli</i> (Tryb.) (Phlaeothripidae): <i>Ornithogalum thyrsoides</i> (chinkerichiee) ----- | Union of South Africa --- | 4 | | | D. C., N. Y. |
| <i>Haplothrips cotei</i> (Vuillet) (Phlaeothripidae): <i>Dianthus</i> sp. (carnation) ----- | Greece, unknown ----- | 2 | 3 | | Ill., Mass. |
| <i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae): <i>Anemone</i> sp. ----- | Bermuda ----- | 1 | | | N. Y. |
| <i>Antirrhinum majus</i> (snapdragon) ----- | Haiti ----- | 2 | | | P. R. |
| <i>Armeria</i> sp. (statice) ----- | Hawaii ----- | 1 | | | Calif.* |
| <i>Aster</i> sp. ----- | Haiti ----- | 1 | | | P. R. |
| <i>Canavalia</i> sp. ----- | Hawaii ----- | 1 | | | Calif.* |
| <i>Dahlia</i> sp. ----- | Bermuda ----- | 1 | | | N. Y. |
| Flowers ----- | Haiti ----- | 1 | | | P. R. |
| Leaf ----- | Hawaii ----- | 1 | | | Calif.* |
| <i>Nerium oleander</i> (oleander) ----- | Bermuda ----- | 1 | | | Mass. |
| <i>Hebrus pusillus</i> (Fall) (Hebridae): <i>Convallaria majalis</i> (lily-of-the-valley) ----- | Germany ----- | | | 1 | N. Y. |
| <i>Heilipus parvulus</i> Boh. (Curculionidae): <i>Phoebe porosa</i> (imbuya phoebe) ----- | Brazil ----- | | | 1 | Fla. |
| <i>Hemimene juliana</i> (Curt.) (Olethreutidae): <i>Castanea</i> sp. (chestnut) ----- | Italy ----- | 1 | | | N. Y. |
| <i>Heterobostrychus aequalis</i> (Waterh.) (Bostri- chidae): <i>Khaya</i> sp. ----- | Gold Coast ----- | 1 | | | N. Y. |
| Wood ----- | Gold Coast, India ----- | 4 | | | N. Y., Va. |
| <i>Heterobostrychus brunneus</i> (Murray) (Bostri- chidae): Wood ----- | Gold Coast ----- | 1 | | | La. |
| <i>Heterogaster urticae</i> (F.) (Lygaeidae): <i>Bryophyllum</i> sp. ----- | France ----- | | | 1 | N. Y. |
| <i>Heterotermes convexinatus</i> (Snyder) (Rhino- termitidae): <i>Jasminum</i> sp. ----- | Canal Zone ----- | | | 1 | Calif.* |
| <i>Heterotermes tenuis</i> (Hagen) (Rhino- termitidae): <i>Musa paradisiaca sapientum</i> (banana) ----- | Panama ----- | | | 1 | Ala. |
| <i>Homothrips distinctus</i> Bagn. (Thripidae): <i>Protea cynarioides</i> (honeypot protea) ----- | Union of South Africa --- | 1 | | | N. Y. |
| <i>Homotoma ficus</i> (L.) (Psyllidae): <i>Ficus carica</i> (fig) ----- | Italy ----- | | | 1 | N. Y. |
| <i>Hyalopoplus pellucidus</i> (Stal) (Miridae): Airplane ----- | Hawaii ----- | | 1 | | Calif.* |
| <i>Ilyesinus fraxini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash) ----- | England ----- | 1 | | | Mass. |
| <i>Ilyurgops palliatus</i> (Gyll.) (Scolytidae): <i>Pinus</i> sp. (pine) ----- | Belgium, Germany ----- | 9 | | | La., N. Y. |
| <i>Hypera fasciculata</i> (Hbst.) (Curculionidae): <i>Brassica oleracea capitata</i> (cabbage) ----- | Portugal ----- | 2 | | | N. Y. |
| <i>Hypoborus ficus</i> Er. (Scolytidae): <i>Ficus carica</i> (fig) ----- | Syria ----- | 1 | | | N. Y. |
| <i>Icerya littoralis</i> Ckll. (Coccidae): <i>Carica papaya</i> (papaya) ----- | Mexico ----- | | 1 | | Calif.* |
| <i>Iphiclidea podalirius</i> (L.) (Papilionidae): <i>Pyrus communis</i> (pear) ----- | Italy ----- | 1 | | | Ill. |
| <i>Ips combrae</i> (Heer) (Scolytidae): <i>Pinus</i> sp. (pine) ----- | Netherlands ----- | 1 | | | Ala. |
| <i>Ips interstitialis</i> (Eichh.) (Scolytidae): <i>Ipomoea jicama</i> (jicama) ----- | Mexico ----- | 1 | | | Tex. |
| <i>Ips typographus</i> (L.) (Scolytidae): <i>Pinus</i> sp. (pine) ----- | Czechoslovakia, Ger- many ----- | 5 | | | La., N. Y. |

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| | | Consumption | Nonentry | Propagation | |
| <i>Iridomyrmex humilis</i> Mayr (Formicidae): | | | | | |
| <i>Antirrhinum majus</i> (snapdragon) | Portugal | | | 1 | N. Y. |
| <i>Aster</i> sp. | Bermuda | 1 | | | N. Y. |
| <i>Begonia</i> sp. | Portugal | 1 | | | N. Y. |
| <i>Brassica oleracea capitata</i> (cabbage) | Italy, Portugal | 1 | 1 | | N. Y. |
| <i>Dahlia</i> sp. | Portugal | | | 1 | N. Y. |
| <i>Dianthus</i> sp. (carnation) | Italy | 3 | | | N. Y. |
| <i>Diospyros</i> sp. (persimmon) | do | 1 | | | N. Y. |
| <i>Eriobotrya japonica</i> (loquat) | Azores | 1 | | | N. Y. |
| <i>Ficus carica</i> (fig) | Italy | | | 1 | N. Y. |
| <i>Gerbera</i> sp. | Bermuda | 1 | | | N. Y. |
| <i>Gladiolus</i> sp. | Italy, Portugal | 1 | | 2 | Mass., N. Y. |
| <i>Lathyrus odoratus</i> (sweet pea) | Portugal | | | 1 | N. Y. |
| <i>Leucadendron argenteum</i> (silver-fir) | Union of South Africa | 1 | | | N. Y. |
| <i>Lilium</i> sp. (lily) | Azores, France | | | 2 | Mass., N. J. |
| <i>Mathiola</i> sp. (stock) | Portugal | | | 1 | N. Y. |
| <i>Mimosa</i> sp. | Italy | 2 | | | N. Y. |
| Orchid | Madeira Islands | 3 | | | N. Y. |
| Palm | Portugal | 1 | | | N. Y. |
| Plant | do | 1 | | | Mass. |
| <i>Protea cynarioides</i> (honeypot protea) | Union of South Africa | 1 | | | N. Y. |
| <i>Protea reflexa</i> | do | 1 | | | N. Y. |
| <i>Protea</i> sp. | do | 1 | | | N. Y. |
| <i>Prunus domestica</i> (plum) | Portugal | 1 | | | N. Y. |
| <i>Rosa</i> sp. | do | 1 | | | N. Y. |
| <i>Saccharum officinarum</i> (sugarcane) | Mexico, Portugal | 2 | | | N. Y., Tex. |
| Soil | Azores, Italy | 1 | | 2 | Mass., N. Y. |
| <i>Strelitzia</i> sp. | Italy | 2 | | | Pa. |
| <i>Thamnochortus dichotomus</i> | Union of South Africa | 1 | | | N. Y. |
| <i>Tritonia</i> sp. | Portugal | | | 1 | N. Y. |
| <i>Vitis</i> sp. (grape) | Chile, Union of South Africa | 4 | | | N. Y. |
| <i>Iridomyrmex iniquus</i> Mayr (Formicidae): | | | | | |
| <i>Cattleya</i> spp. (orchid) | Brazil | | | 1 | N. J. |
| <i>Oncidium</i> sp. (orchid) | Guatemala | | | 1 | N. J. |
| <i>Peristeria</i> sp. (orchid) | do | | | 1 | N. J. |
| <i>Iridomyrmex leucomelas</i> Von Ihering (Formicidae): | | | | | |
| Orchid | Brazil | | | 1 | P. R. |
| <i>Jadera sanguinolenta</i> (F.) (Coreidae): | | | | | |
| Automobile | Mexico | 1 | | | Tex. |
| <i>Kaloterms immigrans</i> Snyder (Kalotermitidae): | | | | | |
| Wood | Panama | 1 | | | Va. |
| <i>Kaloterms snyderi</i> Light (Kalotermitidae): | | | | | |
| <i>Cedrus</i> sp. (cedar) | Bermuda | 1 | | | Md. |
| <i>Kleidocerys godmani</i> Dist. (Lygaeidae): | | | | | |
| Orchid | Mexico | | | 1 | Tex. |
| <i>Lampetia equestris</i> (F.) (Syrphidae): | | | | | |
| <i>Allium sativum</i> (garlic) | Chile | | 1 | | N. Y. |
| <i>Brassica rapa</i> (turnip) | Sweden | | 1 | | N. Y. |
| <i>Leucojum vernal</i> (spring snowflake) | Netherlands | | | 1 | Mass. |
| <i>Leucojum</i> sp. | do | | | 1 | N. Y. |
| <i>Muscari comosum</i> (cipollino) | Italy, Morocco | 2 | | | N. Y. |
| <i>Narcissus nanus</i> | Netherlands | | | 2 | Mass. |
| <i>Narcissus triandrus</i> | do | | | 1 | Mass. |
| <i>Narcissus</i> sp. | England, France, Netherlands | | | 24 | Calif.,* Ill., Mass., Mich., Minn., N. J., N. Y., Pa. |
| <i>Lampides boeticus</i> (L.) (Lycaenidae): | | | | | |
| <i>Canavalia</i> sp. | Hawaii | 7 | | | Calif.* |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
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| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|-----------------------------|----------|-------------|---|
| | | Consumption | Nonentry | Propagation | |
| <i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut) ----- | Azores, England, France, Greece, Italy, Japan, Madeira Islands, Portugal, Spain, Switzerland. | 133 | 1 | ----- | Calif.,* Ill., Mass., N. J., N. Y., Oreg., Pa., Tex., Va. |
| <i>Mespilus germanica</i> (medlar) ----- | Italy ----- | 1 | ----- | ----- | N. Y. |
| <i>Laspeyresia strobilella</i> (L.) (Olethreutidae): <i>Picea</i> sp. (spruce) ----- | Germany ----- | 1 | ----- | ----- | N. Y. |
| <i>Lecanium coryli</i> (L.) (Coccidae): <i>Sorbus sargentiana</i> (sargent mountain-ash) ----- | England ----- | ----- | ----- | 1 | N. J. |
| <i>Lechriops psidii</i> Mshl. (Curculionidae): <i>Psidium guajava</i> (guava) ----- | Puerto Rico ----- | 2 | ----- | ----- | N. Y., P. R. |
| <i>Lema bilineata</i> Germ. (Chrysomelidae): Airplane ----- | Unknown ----- | ----- | 1 | ----- | P. R. |
| <i>Leperisinus fraxini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash) ----- | England ----- | 1 | ----- | ----- | N. Y. |
| <i>Lepidosaphes chinensis</i> Chamb. (Coccidae): <i>Camellia japonica</i> ----- | Japan ----- | ----- | ----- | 1 | Calif.* |
| <i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Diospyros</i> sp. (persimmon) ----- | Japan ----- | 1 | ----- | ----- | Hawaii. |
| <i>Malus sylvestris</i> (apple) ----- | Japan, Korea ----- | ----- | 2 | ----- | Calif.,* Wash. |
| " <i>Lepidosaphes</i> " <i>esakii</i> Takah. (Coccidae): <i>Cocos nucifera</i> (coconut) ----- | Guam ----- | 1 | ----- | ----- | Calif.* |
| <i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig) ----- | Greece, Italy ----- | ----- | ----- | 8 | N. J., N. Y. |
| <i>Lepidosaphes japonica</i> Kuw. (Coccidae): <i>Abies</i> sp. (fir) ----- | Japan ----- | ----- | 1 | ----- | Wash. |
| <i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae): <i>Juniperus</i> sp. ----- | Japan ----- | ----- | ----- | 3 | Calif.* |
| <i>Pinus</i> sp. (pine) ----- | Italy ----- | ----- | ----- | 1 | N. J. |
| <i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Juniperus</i> sp. ----- | Japan ----- | ----- | ----- | 3 | Wash. |
| <i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus ----- | Mexico ----- | ----- | ----- | 1 | Tex. |
| <i>Opuntia</i> sp. (cactus) ----- | do ----- | ----- | ----- | 1 | Tex. |
| <i>Lepidosaphes punicae</i> Laing (Coccidae): <i>Vanilla</i> sp. (orchid) ----- | Guam ----- | ----- | ----- | 1 | Calif.* |
| <i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton) ----- | Costa Rica, Hawaii, Mexico, Netherlands, East Indies, Panama, Philippines. | 4 | 1 | 7 | Calif.,* N. J. Wash. |
| <i>Lepidosaphes tuberculata</i> Malen. (Coccidae): <i>Cymbidium</i> sp. (orchid) ----- | Australia, Belgium, England, India. Madeira Islands ----- | 1 | ----- | 41 | Calif.,* Hawaii N. J. |
| Orchid ----- | ----- | ----- | ----- | 1 | Mass. |
| <i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis</i> sp. (grape) ----- | Chile ----- | 4 | ----- | ----- | N. Y. |
| <i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae): <i>Citrus aurantifolia</i> (lime) ----- | Canal Zone, Panama ----- | ----- | 2 | ----- | Calif.* |
| <i>Citrus paradisi</i> (grapefruit) ----- | Honduras ----- | ----- | 1 | ----- | Calif.* |
| <i>Citrus sinensis</i> (orange) ----- | Canal Zone ----- | ----- | 3 | ----- | Calif.* |
| <i>Leucaspis indica</i> Marl. (Coccidae): <i>Mangifera indica</i> (mango) ----- | Cuba ----- | ----- | 1 | ----- | Fla.* |
| <i>Leucaspis loewi</i> Colvee (Coccidae): <i>Pinus halepensis</i> (aleppo pine) ----- | Israel ----- | 1 | ----- | ----- | N. Y. |
| <i>Pinus</i> sp. (pine) ----- | Italy, Norway ----- | 3 | ----- | ----- | N. Y. |
| <i>Leucaspis riccae</i> Targ. (Coccidae): <i>Olea europaea</i> (olive) ----- | Greece ----- | 1 | ----- | ----- | N. Y. |
| <i>Leucaspis signoreti</i> (Targ.) (Coccidae): <i>Pinus nigra poiretiana</i> ----- | Corsica (?) ----- | ----- | ----- | 1 | N. J. |
| <i>Pinus</i> sp. ----- | France ----- | ----- | ----- | 1 | N. J. |
| <i>Leucinodes orbonalis</i> Guen. (?) (Pyraustidae): <i>Solanum melongena</i> (eggplant) ----- | India ----- | ----- | 1 | ----- | Mass. |
| <i>Lichtenstia lutea</i> (Ckll.) (Coccidae): <i>Codiaeum variegatum</i> (croton) ----- | Mexico ----- | ----- | ----- | 1 | Calif.* |

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|--|---|-----------------------------|----------|------------------|---|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae): | | | | | |
| <i>Bromelia pinguin</i> (?) | Mexico | | | 1 | Tex. |
| Orchid | do | | | 3 | Tex. |
| <i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): | | | | | |
| <i>Agave</i> sp. | do | | | 1 | Tex. |
| <i>Capsicum frutescens grossum</i> (sweetbell red pepper). | do | 1 | | | Ariz. |
| <i>Cucumis melo cantalupensis</i> (cantaloupe) | do | 1 | | | Ariz. |
| <i>Lycopersicon esculentum</i> (tomato) | do | 5 | | | Tex. |
| Orchid | do | | | 2 | Tex. |
| <i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae): | | | | | |
| Cactus | do | | | 1 | Tex. |
| <i>Mammea americana</i> (mamey) | do | 1 | | | Tex. |
| Orchid | do | | | 5 | Tex. |
| <i>Tillandsia</i> sp. | do | | | 1 | Tex. |
| <i>Limothrips cerealium</i> Hal. (Thripidae): | | | | | |
| <i>Avena sativa</i> (oat) | Argentina | 1 | | | Tex. |
| <i>Lincus rufospilotus</i> (Westw.) (Pentatomidae): | | | | | |
| <i>Cattleya</i> sp. (orchid) | Colombia | | | 1 | N. J. |
| <i>Lineodes integra</i> (Zell.) (Pyraustidae): | | | | | |
| <i>Lycopersicon esculentum</i> (tomato) | Mexico | 4 | | | Ariz., Calif. Tex. |
| <i>Lochmaea suturalis</i> (Thoms.) (Chrysomelidae): | | | | | |
| <i>Calluna vulgaris</i> (heather) | Scotland | 1 | | | Ill. |
| <i>Loxostege helvialis</i> (Wlk.) (Pyraustidae): | | | | | |
| <i>Portulaca</i> sp. | Mexico | 1 | | | La. |
| <i>Loxostege similalis</i> (Guen.) (Pyraustidae): | | | | | |
| <i>Portulaca oleracea</i> (purslane) | do | 1 | | | Tex. |
| <i>Lygaeus circumplacatus</i> Dist. (Lygaeidae): | | | | | |
| <i>Citrus aurantifolia</i> (sour lime) | do | 1 | | | Tex. |
| Orchid | do | | | 1 | Tex. |
| <i>Lygaeus consanguinitus</i> Dist. (Lygaeidae): | | | | | |
| <i>Persea americana</i> (avocado) | do | 1 | | | Tex. |
| <i>Lygaeus teapensis</i> Dist. (Lygaeidae): | | | | | |
| <i>Gossypium</i> sp. (cotton) | do | 1 | | | Tex. |
| <i>Lygaeus vittiscutis</i> Stal (Lygaeidae): | | | | | |
| Orchid | do | | | 2 | Tex. |
| <i>Macropygium reticulare</i> (F.) (Pentatomidae): | | | | | |
| Orchid | do | | | 1 | Ariz. |
| <i>Macrosiphoniella oblonga</i> (Mordv.) (Aphidae): | | | | | |
| <i>Chrysanthemum</i> sp. | Netherlands | 1 | | | N. Y. |
| <i>Mamestra brassicae</i> (L.) (Phalaenidae): | | | | | |
| <i>Brassica oleracea botrytis</i> (cauliflower) | England, France, Netherlands. | | 3 | | N. Y. |
| <i>Brassica oleracea capitata</i> (cabbage) | France, Italy | | 3 | | N. Y. |
| <i>Fragaria</i> sp. (strawberry) | Italy | | | 1 | N. Y. |
| <i>Trifolium repens</i> var. (shamrock) | Ireland | 1 | | | N. Y. |
| <i>Maruca testulalis</i> (Csy.) (Pyraustidae): | | | | | |
| <i>Cajanus cajan</i> (pigeonpea) | Puerto Rico | 16 | | | Fla.,* P. R., N. Y. |
| <i>Canavalia</i> sp. | Hawaii | 4 | | 1 | Calif.,* Hawaii. |
| Herb | Puerto Rico | 1 | | | N. Y. |
| <i>Phaseolus lunatus macrocarpus</i> (lima bean) | Cuba | 3 | | | N. Y. |
| <i>Phaseolus vulgaris</i> var. (string bean) | Brazil, British Guiana, Hawaii, Puerto Rico, Venezuela. | 3 | 6 | | Ala., Calif.,* Fla.,* Ha- waii, N. Y. Pa., P. R. |
| <i>Megastigmus pistaciae</i> Wlk. (Torymidae): | | | | | |
| <i>Pistacia</i> sp. (pistache) | Syria | 1 | | | Tex. |
| <i>Megastigmus suspectus</i> Borries (Torymidae): | | | | | |
| <i>Abies cephalonica</i> (Greek fir) | Italy | | | 1 | N. J. |
| <i>Megophthalmus scanicus</i> (Fall.) (Cicadellidae): | | | | | |
| <i>Trifolium repens</i> var. (shamrock) | Ireland | 3 | | | N. Y. |
| <i>Melolontha melolontha</i> (L.) [*] (Scarabaeidae): | | | | | |
| Airplane | Unknown | | 1 | | N. Y. |
| <i>Metamasius sericeus</i> (Oliv.) (Curculionidae): | | | | | |
| <i>Musa paradisiaca sapientum</i> (banana) | Costa Rica, Ecuador, Panama. | 15 | | | Calif.,* La. |

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|---|---|-----------------------------|----------|-------------|-----------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Metamasius sericeus</i> (Oliv.) var. (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)----- | Colombia, Ecuador, Honduras. | 5 | ----- | ----- | N. Y., S. C. |
| <i>Micrelus ericae</i> Gyll. (Curculionidae): <i>Calluna</i> sp----- | Scotland----- | 1 | ----- | ----- | N. J. |
| <i>Microplax interrupta</i> Fieber (Lygaeidae): <i>Sedum</i> sp----- | Italy----- | ----- | ----- | 1 | N. Y. |
| <i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): Airplane----- | Mexico----- | ----- | 1 | ----- | Tex. |
| <i>Caesalpinia coriaria</i> (divi-divi)----- | Colombia, Dominican Republic, Nether- lands West Indies, Trinidad. | 5 | ----- | ----- | N. Y. |
| <i>Mimosestes sallaei</i> (Sharp) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia)----- | Honduras----- | 1 | ----- | ----- | D. C. |
| <i>Mitrapysylla albolineata</i> Crawf. (Psyllidae): Airplane----- | Mexico----- | ----- | 1 | ----- | Tex. |
| <i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Phalaenopsis amabilis</i> (orchid)----- | Philippines----- | ----- | ----- | 1 | Hawaii. |
| <i>Saccharum officinarum</i> (sugarcane)----- | Antigua----- | 1 | ----- | ----- | P. R. |
| <i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)----- | Mexico----- | 9 | ----- | ----- | Tex. |
| <i>Mordellistena cattleyana</i> Champ. (Mordellidae): Orchid----- | Brazil, Mexico----- | ----- | ----- | 2 | Fla. |
| <i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)----- | Bahamas, Puerto Rico----- | ----- | 2 | ----- | Calif.* , Fla.* |
| <i>Citrus sinensis</i> (orange)----- | Bahamas----- | ----- | 1 | ----- | Fla.* |
| <i>Nerium oleander</i> (oleander)----- | do----- | ----- | 1 | ----- | Fla.* |
| <i>Myelobia smerintha</i> (Hbn.) (Galleriidae): Bamboo----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Myelois ceratoniae</i> Zell. (Phycitidae): <i>Ceratonia siliqua</i> (carob)----- | Yugoslavia----- | 2 | ----- | ----- | Calif.* |
| <i>Punica granatum</i> (pomegranate)----- | Italy----- | 3 | ----- | ----- | N. Y. |
| <i>Myiopardalis pardalina</i> (Big.) (Tephritidae): <i>Cucumis melo flexuosus</i> (snake melon)----- | Lebanon----- | 1 | ----- | ----- | N. Y. |
| <i>Myrmedobia tenella</i> (Zett.) (Microphysidae): <i>Wisteria</i> sp----- | Switzerland----- | ----- | ----- | 2 | N. J. |
| <i>Myzaphis bucktoni</i> Jacob (?) (Aphidae): <i>Rosa</i> sp----- | Mexico----- | 2 | ----- | ----- | Calif.* , Tex. |
| <i>Myzus ascalonicus</i> Doncaster (?) (Aphidae): <i>Allium ascalonicum</i> (shallot)----- | England----- | ----- | ----- | 1 | Wash. |
| <i>Gladolus</i> sp----- | England, Netherlands----- | ----- | ----- | 2 | N. J., N. Y. |
| <i>Lilium tigrinum</i> (tiger lily)----- | Netherlands----- | ----- | ----- | 1 | N. J. |
| <i>Nasutitermes corniger</i> (Motsch.) (Termitidae): <i>Swietenia mahagoni</i> (mahogany)----- | Honduras----- | 1 | ----- | ----- | La. |
| <i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae): Orchid----- | Guatemala----- | ----- | 1 | ----- | La. |
| <i>Neoclytus cacicus</i> Chevr. (Cerambycidae): <i>Guajacum officinale</i> (lignum vitae)----- | Guatemala, Nicaragua----- | 4 | ----- | ----- | Calif.* |
| Wood----- | Venezuela----- | ----- | ----- | 2 | N. J. |
| <i>Neodryocoetes caribaeus</i> Blkm. (Scolytidae): <i>Vicia faba</i> (broad bean)----- | Trinidad----- | ----- | 1 | ----- | Tex. |
| <i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper)----- | Brazil----- | ----- | 1 | ----- | Tex. |
| <i>Lycopersicon esculentum</i> (tomato)----- | Mexico----- | 48 | ----- | ----- | Tex. |
| <i>Solanum melongena</i> (eggplant)----- | do----- | 1 | ----- | ----- | Tex. |
| <i>Neoleucon horribilis</i> Dist. (Miridae): <i>Philodendron</i> sp----- | do----- | ----- | ----- | 1 | Tex. |
| <i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae): In box with orchid leaves----- | Siam----- | ----- | ----- | 1 | Hawaii. |
| <i>Newsteadia floccosa</i> (Deg.) (Coccidae): Woods moss----- | England----- | ----- | ----- | 1 | N. J. |
| <i>Niphona picticornis</i> Muls. (Cerambycidae): <i>Acacia</i> sp----- | France----- | 1 | ----- | ----- | Mass. |
| <i>Nysius coenosulus</i> Stal (Lygaeidae): Airplane----- | Hawaii----- | ----- | 1 | ----- | Hawaii. |
| <i>Anthurium</i> sp----- | do----- | 1 | ----- | ----- | Hawaii. |
| <i>Vanda</i> sp. (orchid)----- | do----- | 1 | ----- | ----- | Hawaii. |

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|---|----------------------------|-----------------------------|----------|-------------|----------------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Nysius dallasi</i> White (Lygaeidae): Airplane | Hawaii | | 2 | | Hawaii. |
| <i>Nysius delectus</i> White (Lygaeidae): Airplane | do | | 1 | | Hawaii. |
| <i>Nysius terrestris</i> Usinger (Lygaeidae): Airplane | Hawaii, Midway Island | | 3 | | Hawaii. |
| <i>Odonaspis greeni</i> Ckll. (Coccidae): <i>Rambusa</i> sp. (bamboo) | Guam | | | 1 | Calif.* |
| <i>Oedionychis decorata</i> (Blanch.) (Chrysomelidae): <i>Prunus domestica</i> (plum) | Chile | 1 | | | N. Y. |
| <i>Oedopeza pogonocheroides</i> Serv. (Cerambycidae): <i>Samanea saman</i> (raintree saman) | Brazil | 1 | | | N. Y. |
| <i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae): Bromeliad | Mexico | | | 1 | Tex. |
| Orchid | Guatemala | | | 1 | Tex. |
| <i>Orthezia praelonga</i> Dougl. (Coccidae): <i>Casuarina</i> sp. (Australian pine) | Aruba | 1 | | | N. Y. |
| <i>Codiaeum</i> sp. (croton) | do | 1 | | | N. Y. |
| <i>Ortheziola signoreti</i> (Haller) (Coccidae): Woods moss | France | | | 1 | N. J. |
| <i>Orthochaetes setiger</i> (Beck.) (Curculionidae): <i>Lilium</i> sp. (lily) | England | | | 1 | Ill. |
| <i>Orthotomicus erosus</i> (Woll.) (Scolytidae): <i>Pinus</i> sp. (pine) | Portugal | 1 | | | La. |
| <i>Orthotomicus laricis</i> (F.) (Scolytidae): <i>Pinus</i> sp. | do | 1 | | | La. |
| <i>Oxycarenus hyalinipennis</i> (Costa) (Lygaeidae): <i>Gossypium</i> sp. (cotton; boll) | Gold Coast | | | 1 | D. C. |
| <i>Oxycarenus laetus</i> Kirby (Lygaeidae): <i>Gossypium</i> sp. (cotton; lint) | India | | | 1 | D. C. |
| <i>Oryctonia jucunda</i> (Fald.) (Scarabaeidae): Soil around dwarf quince tree | Japan | | 1 | | Wash. |
| <i>Oxydema longulum</i> (Boh.) (Curculionidae): <i>Heliconia</i> sp. | Hawaii | 1 | | | Hawaii. |
| <i>Ozineus prolixus</i> Melzer (Cerambycidae): Stem | Brazil | | | 1 | N. Y. |
| <i>Ozophora consanguineus</i> (Dist.) (Lygaeidae): Orchid | Mexico | | | 1 | Tex. |
| <i>Pachybrachius nietneri</i> (Dohrn) (Lygaeidae): <i>Litchi chinensis</i> (lychee) | Philippines | 1 | | | Hawaii. |
| <i>Vanda</i> sp. (orchid) | do | | | 1 | Hawaii. |
| <i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae): <i>Vanda denisoniana</i> (orchid) | Siam | | | 1 | Calif.* |
| <i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae): <i>Centaurea cyanus</i> (bachelors-button) | Mexico | 1 | | | Tex. |
| <i>Gomphrena dispersa</i> | Puerto Rico | 1 | | | P. R. |
| <i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae): Weed | do | 1 | | | N. Y. |
| <i>Palaeopus costicollis</i> Mshll. (Curculionidae): <i>Dioscorea</i> sp. (yam) | Jamaica | 1 | | | N. Y. |
| <i>Zingiber officinale</i> (ginger) | do | 1 | | | N. Y. |
| <i>Pantomorus godmani</i> (Crotch) (Curculionidae): Airplane | Philippines | | 1 | | Hawaii. |
| <i>Portulaca oleracea</i> (purslane) | Mexico | 1 | | | Tex. |
| <i>Paraleyrodes citricolus</i> Costa Lima (Aleyrodidae): <i>Citrus aurantium</i> (sour orange) | Colombia | 1 | | | N. Y. |
| <i>Gardenia augusta</i> (gardenia) | Mexico | 1 | | | Tex. |
| <i>Paraleyrodes goyabae</i> (Goeldi) (?) (Aleyrodidae): <i>Psidium guajava</i> (guava) | do | 1 | | | Ariz. |
| <i>Parallelodiplosis cattleyae</i> (Moll.) (Itonididae): <i>Cattleya skinneri</i> (orchid) | Canal Zone | | | 1 | N. J. |
| Orchid | Cuba | | | 2 | Fla. |
| <i>Parlatoria camelliae</i> Comst. (Coccidae): <i>Camellia japonica</i> (camellia) | Japan, Mexico | 1 | | 2 | Calif.*, Ha- wail, Tex. |
| <i>Camellia</i> sp. | China, Japan, New Zealand. | | | 11 | Calif.* |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
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| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|--|-----------------------------|----------|-------------|--|
| | | Consumption | Nonentry | Propagation | |
| <i>Parlatoria cinerea</i> Hadden (Coccidae): | | | | | |
| <i>Citrus aurantifolia</i> (sour lime)..... | Brazil, Mexico..... | | 5 | | Calif.* |
| <i>Citrus limon</i> (lemon)..... | Brazil..... | | 3 | | Calif.* |
| <i>Citrus paradisi</i> (grapefruit)..... | Argentina, Brazil, Cuba..... | | 4 | | Calif.*, Fla.* |
| <i>Citrus sinensis</i> (orange)..... | Argentina, Brazil, Mexico, Spain..... | | 14 | | Calif.*, Fla.* |
| <i>Parlatoria crotonis</i> Dougl. (Coccidae): | | | | | |
| <i>Codiaeum variegatum</i> (croton)..... | Cuba, Hawaii..... | | | 2 | Calif.*, Va. |
| <i>Parlatoria morrisoni</i> McKenzie (Coccidae): | | | | | |
| <i>Mangifera indica</i> (mango)..... | India..... | | 1 | | N. Y. |
| <i>Nerium oleander</i> (oleander)..... | Saudi Arabia..... | 1 | | | N. Y. |
| <i>Parlatoria oleae</i> (Colvee) (Coccidae): | | | | | |
| <i>Cydonia oblonga</i> (quince)..... | Italy..... | 2 | | | N. Y. |
| <i>Diospyros</i> sp. (persimmon)..... | do..... | 4 | | | N. Y. |
| <i>Ficus carica</i> (fig)..... | do..... | | | 2 | N. J., N. Y. |
| <i>Malus sylvestris</i> (apple)..... | Greece, Italy, Lebanon..... | 8 | 1 | | N. Y. |
| <i>Olea europaea</i> (olive)..... | Greece..... | 1 | | | N. Y. |
| <i>Pyrus communis</i> (pear)..... | England, Italy, Spain..... | 1 | 3 | 1 | Fla.*, N. Y. |
| <i>Rosa</i> sp..... | Greece..... | | | 2 | N. J. |
| <i>Vitis</i> sp. (grape)..... | Italy..... | | | 1 | N. Y. |
| <i>Parlatoria pseudaspidotus</i> (Ldgr.) (Coccidae): | | | | | |
| <i>Aerides quinquevulnera</i> (orchid)..... | Philippines..... | | | 1 | Calif.* |
| <i>Dendrobium infundibulum</i> (orchid)..... | Siam..... | | | 1 | Calif.* |
| Orchid..... | Trinidad..... | | | 1 | Fla. |
| <i>Vanda teres</i> (orchid)..... | Batavia, Guam..... | | | 2 | Calif.*, N. J. |
| <i>Vanda</i> sp. (orchid)..... | Hawaii, Philippines..... | | | 5 | Calif.*, Ha wail. |
| <i>Parlatoria theae</i> Ckll (Coccidae): | | | | | |
| <i>Acer</i> sp. (maple)..... | Japan..... | | | 1 | Calif.* |
| <i>Euonymus</i> sp..... | do..... | | | 1 | Calif.* |
| <i>Punica</i> sp..... | do..... | | | 1 | Calif.* |
| <i>Parlatoria zizyphus</i> (Lucas) (Coccidae): | | | | | |
| <i>Citrus aurantifolia</i> (sour lime)..... | China..... | | 1 | | Calif.* |
| <i>Citrus limon</i> (lemon)..... | Italy..... | 2 | 11 | | Calif.*, Pa. |
| <i>Citrus paradisi</i> (grapefruit)..... | Egypt..... | | 1 | | Pa. |
| <i>Citrus reticulata</i> (Mandarin orange)..... | China, Philippines, Saudi Arabia..... | 3 | 1 | | Calif.*, Minn., N. Y. |
| <i>Citrus sinensis</i> (orange)..... | Algeria, China, Italy..... | 1 | 3 | | Calif.*, Ha wail, Pa. |
| <i>Citrus</i> sp..... | China, Italy..... | 2 | | | Fla.*, N. Y. |
| <i>Paromius gracilis</i> (Rambur) (Lygacidae): | | | | | |
| <i>Ornithogalum thyrsoides</i> (chinkerichiee)..... | Union of South Africa..... | 1 | | | N. Y. |
| <i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): | | | | | |
| <i>Gossypium</i> sp. (cottonseed)..... | Antigua, Egypt, Hawaii, India, Japan, Lebanon, Mexico, Puerto Rico, Siam, Syria..... | 16 | 9 | 4 | Calif.*, D. C., Hawaii, N. Y., Pa., P. R., Tex., Va. |
| <i>Gossypium</i> sp. (seed cotton)..... | Hawaii, Mexico, Puerto Rico, Philippines..... | 9 | 2 | 1 | Hawaii, P. R., Tex. |
| <i>Gossypium</i> sp. (cotton; boll)..... | Gold Coast, Hawaii, Venezuela, Virgin Islands..... | 2 | | 2 | Calif.*, D. C., N. Y. |
| <i>Hibiscus esculentus</i> (okra)..... | Brazil, Dominican Republic, India, Puerto Rico..... | 1 | 4 | 1 | Ala., D. C., N. Y., Pa., P. R. |
| <i>Penichora fasciata</i> Steph. (Cerambycidae): | | | | | |
| <i>Allium sativum</i> (garlic)..... | Italy..... | 1 | | | N. Y. |
| <i>Perkinsiella saccharicida</i> Kirk. (Delphacidae): | | | | | |
| Airplane..... | Hawaii..... | | 1 | | Hawaii. |
| <i>Perkinsiella vastatrix</i> Bredd. (Delphacidae): | | | | | |
| Airplane..... | South Pacific..... | 1 | | | Hawaii. |
| <i>Phalonia zephyrana</i> (Treat.) (Phaloniidae): | | | | | |
| <i>Daucus carota</i> (carrot)..... | France, French West Africa, Germany, Italy..... | 1 | 4 | | Md., N. Y. |
| <i>Phatnoma annulipes concisa</i> Drake (Tingidae): | | | | | |
| Orchid..... | Mexico..... | | | 2 | Tex. |

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| | | Consumption | Nonentry | Propagation | |
| <i>Pheidole megacephala</i> (F.) (Formicidae): | | | | | |
| <i>Ananas comosus</i> (pineapple)----- | Cuba----- | 2 | | | N. Y. |
| <i>Dioscorea</i> sp. (yam)----- | St. Kitts----- | 1 | | | Mass. |
| <i>Gladiolus</i> sp.----- | Argentina----- | 1 | | | N. Y. |
| <i>Hibiscus</i> sp.----- | Bermuda----- | 2 | | | N. Y. |
| <i>Lilium</i> sp. (lily)----- | do----- | 1 | | | N. Y. |
| <i>Nerium oleander</i> (oleander)----- | do----- | 1 | | | N. Y. |
| Soil with potted plants----- | Honduras----- | | 1 | | Ala. |
| <i>Phelomerus aberrans</i> (Sharp) (Bruchidae): | | | | | |
| <i>Cassia</i> sp.----- | Canal Zone, Honduras----- | 3 | | | La. |
| <i>Phenacaspis aucubae</i> (Cooley) (Coccidae): | | | | | |
| <i>Ilex</i> sp.----- | Japan----- | | | 1 | Wash. |
| <i>Phenacaspis sandwicensis</i> Fullaway (Coccidae): | | | | | |
| Araceae----- | Hawaii----- | | | 1 | Calif.* |
| <i>Cocos nucifera</i> (coconut)----- | do----- | 1 | | | Calif.* |
| <i>Nerium</i> sp.----- | do----- | 1 | | | Calif.* |
| <i>Strelitzia reginae</i> (bird-of-paradise-flower)----- | do----- | 1 | | | Calif.* |
| <i>Phenacoccus azaleae</i> Kuw. (Coccidae): | | | | | |
| <i>Rhododendron</i> sp.----- | Japan----- | | | 1 | Hawaii. |
| <i>Phenacoccus madeirensis</i> Green (Coccidae): | | | | | |
| <i>Mentha</i> sp. (mint)----- | Madeira Islands----- | 1 | | | Mass. |
| <i>Ruta</i> sp.----- | do----- | 2 | | | Mass. |
| <i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae): | | | | | |
| <i>Olea europaea</i> (olive)----- | Italy----- | | | 2 | N. J., N. Y. |
| <i>Phlyctinus callosus</i> Boh. (Curculionidae): | | | | | |
| <i>Vitis</i> sp. (grape)----- | Union of South Africa----- | 1 | | | N. Y. |
| <i>Phyllotreta atra</i> (F.) (Chrysomelidae): | | | | | |
| <i>Brassica oleracea capitata</i> (cabbage)----- | Italy----- | | 1 | | N. Y. |
| <i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae): | | | | | |
| <i>Brassica oleracea capitata</i> (cabbage)----- | do----- | | 1 | | N. Y. |
| <i>Physonota disjuncta</i> (Chev.) (Chrysomelidae): | | | | | |
| Orchid----- | Mexico----- | | | 1 | Ariz. |
| <i>Physorhynchus distigma</i> Cand. (Elateridae): | | | | | |
| Orchid----- | do----- | | | 1 | Tex. |
| <i>Pieris brassicae</i> (L.) (Pieridae): | | | | | |
| <i>Brassica oleracea botrytis</i> (cauliflower)----- | Italy----- | | 1 | | N. Y. |
| <i>Brassica oleracea capitata</i> (cabbage)----- | France, Portugal----- | | 2 | | Pa. |
| <i>Foeniculum vulgare</i> (fennel)----- | Italy----- | | | 1 | N. Y. |
| <i>Pinnaspis buxi</i> (Bouche) (Coccidae): | | | | | |
| <i>Arecastrum romanzoffianum</i> (queenpalm)----- | Brazil----- | | | 1 | D. C. |
| Bromeliad----- | Canal Zone----- | | | 1 | Calif.* |
| <i>Cocos nucifera</i> (coconut)----- | Panama----- | 2 | | | Calif.* |
| <i>Dendrobium gracilicaule</i> (orchid)----- | Australia----- | | | 1 | Calif.* |
| <i>Howea</i> sp. (palm)----- | Panama----- | | | 1 | N. J. |
| <i>Monstera</i> sp.----- | Antigua----- | | | 1 | Fla. |
| <i>Philodendron</i> sp.----- | Brazil, Hawaii----- | 3 | | 4 | Calif.,* Tex. |
| <i>Pinnaspis uniloba</i> (Kuw.) (Coccidae): | | | | | |
| <i>Alyxia olivaeformis</i> (maile alyxia)----- | Hawaii----- | 5 | | | Calif.* |
| <i>Pityogenes bidentatus</i> (Hbst.) (Scolytidae): | | | | | |
| <i>Pinus</i> sp. (pine)----- | Germany, Netherlands, Poland----- | 3 | | | Ala., Tex. |
| Wood----- | Netherlands----- | 1 | | | Calif.* |
| <i>Pityogenes chalcographus</i> (L.) (Scolytidae): | | | | | |
| <i>Picea</i> sp. (spruce)----- | Norway, Sweden----- | 7 | | | N. Y. |
| <i>Pinus</i> sp. (pine)----- | Belgium, Germany, Netherlands, Norway, Sweden----- | 8 | | | Ala., Ill., La., N. Y., Tex. |
| Wooden crate----- | Sweden----- | 3 | | | Calif.,* N. Y. |
| <i>Plagioderma semivittata</i> Stal (Chrysomelidae): | | | | | |
| <i>Bromelia pinguin</i> (?)----- | Mexico----- | | | 1 | Tex. |
| Orchid----- | do----- | | | 2 | Tex. |
| <i>Plagioderma thymaloides</i> Stal (Chrysomelidae): | | | | | |
| Cactus----- | do----- | | | 1 | Tex. |
| Orchid----- | do----- | | | 6 | Tex. |
| <i>Plagiognathus arbustorum</i> (F.) (Miridae): | | | | | |
| <i>Rosa</i> sp. (rose)----- | Sweden----- | 1 | | | N. Y. |

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| <i>Platynota rostrana</i> (Wlk.) (Tortricidae): | | | | | |
| <i>Ananas comosus</i> (pineapple) | Cuba, Mexico | 2 | | | N. Y., Tex. |
| <i>Capsicum frutescens grossum</i> (sweetbell red-pepper). | Mexico | 1 | | | Calif.* |
| <i>Gardenia augusta</i> (gardenia) | do | 1 | | | Tex. |
| <i>Lycopersicon esculentum</i> (tomato) | do | 4 | | | Tex. |
| <i>Rosa</i> sp. (rose) | do | 1 | | | Tex. |
| <i>Sechium edule</i> (chayote) | Puerto Rico | 1 | | | N. Y. |
| <i>Platypus rugulosus</i> Chap. (Platypodidae): | | | | | |
| <i>Ananus comosus</i> (pineapple) | Mexico | 1 | | | Tex. |
| <i>Cedrela mexicana</i> (?) | Costa Rica | 1 | | | La. |
| <i>Copaifera hemitomophylla</i> (catico) | do | 4 | | | S. C. |
| <i>Cyblastax donnell-smithi</i> (primavera) | Guatemala | 1 | | | La. |
| <i>Dalbergia</i> sp. (rosewood) | Brazil | 1 | | | N. Y. |
| <i>Persea americana</i> (avocado) | Mexico | 1 | | | Tex. |
| <i>Platysaissetia castilloae</i> (Ckll.) (Coccidae): | | | | | |
| <i>Hibiscus</i> sp. | do | | | 1 | Ariz. |
| <i>Plinthisus brevipennis</i> (Latr.) (Lygaeidae): | | | | | |
| Moss and soil packing | Italy | 1 | | | N. Y. |
| <i>Plinthisus minutissimus</i> Fieber (Lygaeidae): | | | | | |
| Packing | do | | | 1 | Ill. |
| <i>Podagricra malvae</i> (Ill.) (Chrysomelidae): | | | | | |
| <i>Lilium candidum</i> (Madonna lily) | France | | | 1 | N. J. |
| <i>Pogonocherus fasciculatus</i> Deg. (Cerambycidae): | | | | | |
| <i>Picea</i> sp. (spruce) | Finland | 1 | | | N. Y. |
| " <i>Poliaspis</i> " <i>pini</i> (Mask.) (Coccidae): | | | | | |
| <i>Pinus</i> sp. (2-leaved pine) | Japan | 2 | | 3 | Oreg., Wash. |
| <i>Pollinia pollini</i> (Costa) (Coccidae): | | | | | |
| <i>Olea europaea</i> (olive) | France | | | 1 | N. J. |
| <i>Polychrosis botrana</i> (Schiff.) (Olethreutidae): | | | | | |
| <i>Vitis</i> sp. (grape) | Lebanon | 1 | | | N. Y. |
| <i>Polygraphus poligraphus</i> (L.) (Scolytidae): | | | | | |
| <i>Pinus</i> sp. (pine) | Germany | 1 | | | Ala. |
| <i>Prays endocarpa</i> (Meyr.) (Hyponomeutidae): | | | | | |
| <i>Citrus grandis</i> (pummelo) | Philippines | | 1 | | Calif.* |
| <i>Prays oleellus</i> (F.) (Hyponomeutidae): | | | | | |
| <i>Olea europaea</i> (olive) | Italy | 5 | | | Ill., N. Y., Pa. |
| <i>Protopulvinaria longivalvata</i> (Green) (Coccidae): | | | | | |
| <i>Cattleya mossiae</i> (orchid) | Venezuela | | | 1 | Calif.* |
| <i>Gardenia augusta</i> (gardenia) | Cuba, Puerto Rico, Trinidad, Venezuela. | 7 | 2 | | Ala., Fla.,* N.Y., P. R. |
| <i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae): | | | | | |
| <i>Philodendron</i> sp. | Venezuela | | | 1 | Fla. |
| <i>Pseudaonidia tesserata</i> (de Charm.) (Coccidae): | | | | | |
| <i>Catasetum</i> sp. (orchid) | Panama | | | 2 | N. J. |
| Orchid | Colombia | | | 1 | Tex. |
| <i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae): | | | | | |
| <i>Citrus aurantifolia</i> (lime) | Argentina | | 1 | | P. R. |
| <i>Citrus limon</i> (lemon) | Brazil | | 2 | | Calif.* |
| <i>Mangifera indica</i> (mango) | Belgian Congo | 1 | | | N. Y. |
| <i>Spondias cytherea</i> (vi-apple) | Unknown | 1 | | | Fla.* |
| <i>Zizyphus jujuba</i> (jujube) | Trinidad | 1 | | | N. Y. |
| <i>Pseudischnaspis alienus</i> (Newst.) (Coccidae): | | | | | |
| <i>Cattleya percivaliana</i> (orchid) | Venezuela | | | 1 | Calif.* |
| <i>Epidendrum</i> sp. (orchid) | Guatemala | | | 1 | Tex. |
| <i>Laelia autumnalis</i> (orchid) | Mexico | | | 1 | Calif.* |
| <i>Odontoglossum citrosmum</i> (orchid) | do | | | 1 | Calif.* |
| Orchid | Canal Zone, Costa Rica, Guatemala, Venezuela. | | | 8 | Fla., N. J. |
| <i>Pseudococcus boninsis</i> (Kuw.) (Coccidae): | | | | | |
| <i>Saccharum officinarum</i> (sugarcane) | Bermuda | 1 | | | Mass. |
| <i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae): | | | | | |
| <i>Cocos nucifera</i> (coconut) | Guam, Hawaii, Philippines. | 8 | 2 | 3 | Calif.* |
| <i>Pseudococcus pandani</i> (Ckll.) (Coccidae): | | | | | |
| <i>Pandanus</i> sp. | Kwajalein | | | 1 | Hawaii. |

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| <i>Pseudococcus pini</i> Kuw. (Coccidae): | | | | | |
| <i>Pinus parviflora</i> (Japanese white pine)----- | Japan----- | | 1 | | Pa. |
| <i>Pinus</i> sp. (two-leaved pine)----- | do----- | | | 2 | Wash. |
| <i>Pinus</i> sp----- | do----- | | | 1 | Wash. |
| <i>Pseudococcus probrevipes</i> Morr. (Coccidae): | | | | | |
| <i>Heliconia</i> sp----- | Canal Zone----- | | | 1 | Fla. |
| <i>Pseudoparlatoria ostreata</i> (Ckll.) (Coccidae): | | | | | |
| <i>Camellia japonica</i> (camellia)----- | Colombia----- | 1 | | | Fla.* |
| <i>Carica papaya</i> (papaya)----- | Cuba----- | 1 | | | Fla.* |
| <i>Oncidium cavendishianum</i> (orchid)----- | Guatemala----- | | | 1 | Calif.* |
| Orchid----- | Cuba----- | | | 1 | Fla. |
| <i>Pseudoparlatoria serratulae</i> Towns. & Ckll. (Coccidae): | | | | | |
| <i>Oncidium</i> sp. (orchid)----- | Mexico----- | | | 1 | Tex. |
| Orchid----- | do----- | | | 1 | Tex. |
| <i>Psylla rhododendri</i> Puton (Psyllidae): | | | | | |
| <i>Rhododendron</i> sp----- | Switzerland----- | | | 1 | N. J. |
| <i>Psylla uncata</i> Ferris & Klyver (Psyllidae): | | | | | |
| <i>Acacia</i> sp----- | Australia----- | | | 1 | Hawaii. |
| <i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae): | | | | | |
| <i>Brassica oleracea capitata</i> (cabbage)----- | England----- | | 1 | | Tex. |
| <i>Brassica rapa</i> (turnip)----- | Italy----- | | 1 | | N. Y. |
| <i>Ptosima undecimmaculata</i> Hbst. (Buprestidae): | | | | | |
| <i>Cynara scolymus</i> (globe artichoke)----- | do----- | | | 1 | N. Y. |
| <i>Pulvinaria psidii</i> Mask. (Coccidae): | | | | | |
| <i>Bryophyllum</i> sp----- | Bermuda----- | | | 1 | N. Y. |
| <i>Campsis radicans</i> (trumpet creeper)----- | do----- | 1 | | | N. Y. |
| <i>Gardenia augusta</i> (gardenia)----- | Hawaii, Mexico, Trinidad----- | 1 | | 2 | Ala., Ariz., Calif.* |
| <i>Pittosporum</i> sp----- | Bermuda----- | 1 | | | N. Y. |
| <i>Pulvinaria tyleri</i> Ckll. (Coccidae): | | | | | |
| Flowers----- | Philippines----- | 1 | | | Calif.* |
| <i>Pulvinaria urticae</i> (Ckll.) (Coccidae): | | | | | |
| <i>Capsicum frutescens</i> (pepper)----- | West Indies----- | 1 | | | N. Y. |
| <i>Puto mexicanus</i> (Ckll.) (Coccidae): | | | | | |
| Orchid----- | Mexico----- | | | 1 | Ariz. |
| <i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae): | | | | | |
| <i>Sorghum vulgare technicum</i> (broomcorn)----- | France, Italy, Switzerland----- | 3 | 1 | | N. Y., Pa. |
| <i>Pyrrhocoris apterus</i> (L.) (Pyrrhocoridae): | | | | | |
| <i>Allium cepa</i> (onion)----- | Italy----- | 1 | | | Mass. |
| <i>Reticulitermes speratus</i> (Kolbe) (Rhinotermitidae): | | | | | |
| <i>Rhododendron</i> sp----- | Japan----- | | | 1 | Hawaii. |
| <i>Rhagoletis alternata</i> (Fall.) (Tephritidae): | | | | | |
| <i>Rosa</i> sp----- | Unknown----- | | 1 | | N. Y. |
| <i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae): | | | | | |
| <i>Rosa</i> sp----- | Netherlands----- | | | 1 | N. J. |
| <i>Rhagoletis cerasi</i> (L.) (Tephritidae): | | | | | |
| <i>Prunus</i> sp. (cherry)----- | France, Germany, Italy, Spain, Switzerland----- | 14 | 12 | | Mass., N. Y. |
| <i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): | | | | | |
| <i>Prunus</i> sp. (cherry)----- | Greece, Sweden----- | 1 | 1 | | N. Y. |
| <i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): | | | | | |
| <i>Malus sylvestris</i> (apple)----- | Mexico----- | 11 | 1 | | Tex. |
| <i>Rhagoletis striatella</i> Wulp (Tephritidae): | | | | | |
| <i>Physalis</i> sp. (husk tomato)----- | do----- | 1 | | | Tex. |
| <i>Rhinacloa subpallicornis</i> Knight (Miridae): | | | | | |
| <i>Citrus medica</i> (citron)----- | Bermuda----- | 1 | | | N. Y. |
| <i>Gladiolus</i> sp----- | Argentina----- | 1 | | | N. Y. |
| <i>Lantana</i> sp----- | Bermuda----- | 1 | | | N. Y. |
| <i>Rhiobia praeceps</i> Bergroth (Lygaeidae): | | | | | |
| <i>Cryptomeria</i> sp----- | Japan----- | | | 1 | Wash. |
| <i>Rhopalophora incrustata</i> Chevr. (Cerambycidae): | | | | | |
| <i>Chrysanthemum maximum</i> (shasta daisy)----- | Mexico----- | 1 | | | Tex. |

List of pests (insects) collected and exported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|--|-----------------------------|----------|-------------|--|
| | | Consumption | Nonentry | Propagation | |
| <i>Rhopalosiphoninus tulipaellus</i> (Theob.) (Aphidae): | | | | | |
| <i>Apium graveolens</i> (celery) | Netherlands | | 1 | | Tex. |
| <i>Beta vulgaris macrorrhiza</i> (mangel-wurzel) | England | | 1 | | N. Y. |
| <i>Gladiolus</i> sp. | do | | | 2 | Ill., N. J. |
| <i>Raphanus sativus</i> (radish) | Netherlands | | 1 | | Pa. |
| <i>Tulipa</i> sp. (tulip) | do | 1 | | 2 | La., N. J., N. Y. |
| <i>Rhyparochromus chiragra</i> (F.) (Lygaeidae): | | | | | |
| Sphagnum moss packing | Germany | | | 1 | N. Y. |
| <i>Ribua innoxia</i> Hein. (Phycitidae): | | | | | |
| <i>Ananas comosus</i> (pineapple) | Cuba | 40 | | | La., N. Y. |
| <i>Scolopostethus decoratus</i> (Hahn) (Lygaeidae): | | | | | |
| Soil with plants | Netherlands | | | 1 | N. Y. |
| <i>Sehirus biguttatus</i> (L.) (Pentatomidae): | | | | | |
| Forest litter | Sweden | | | 1 | N. Y. |
| <i>Selenothrips rubrocinctus</i> (Giard) (Thripidae): | | | | | |
| <i>Rosa</i> sp. | Unknown | | 1 | | Tex. |
| <i>Serica brunnea</i> (L.) (Scarabaeidae): | | | | | |
| Soil with plants | Netherlands | | | 1 | N. Y. |
| <i>Serica brunnea</i> (L.) (?) (Scarabaeidae): | | | | | |
| Soil with <i>Delphinium</i> sp. plant | Sweden | | | 1 | N. Y. |
| <i>Sesamia cretica</i> (Led.) (Phalaenidae): | | | | | |
| <i>Zea mays</i> (corn) | Italy | 1 | | | N. Y. |
| <i>Sesamia vuteria</i> (Stoll) (Phalaenidae): | | | | | |
| <i>Malus sylvestris</i> (apple) | do | 1 | | | N. Y. |
| <i>Opuntia compressa</i> (pricklypear) | do | 1 | | | N. Y. |
| <i>Sinoxylon anale</i> Lesne (Bostrichidae): | | | | | |
| Wood | India | 4 | | | N. Y., Va. |
| <i>Sinoxylon conigerium</i> Gerst. (Bostrichidae): | | | | | |
| Wood | Hawaii, India | 2 | | | Calif.,* Mass. |
| <i>Sinoxylon serdentatum</i> (Oliv.) (Bostrichidae): | | | | | |
| Wooden staves | Portugal | 1 | | | Va. |
| <i>Siphoninus phyllireae</i> (Hal.) (Aleyrodidae): | | | | | |
| <i>Punica granatum</i> (pomegranate) | Greece | | | 1 | N. J. |
| <i>Sisamnes contractus</i> Dist. (Lygaeidae): | | | | | |
| <i>Ananas comosus</i> (pineapple) | Mexico | 1 | | | Tex. |
| <i>Sitona lineata</i> (L.) (Curculionidae): | | | | | |
| Airplane | British Columbia, Canada. | | 5 | | Wash. |
| <i>Sizeonotus luteiceps</i> Reuter (Miridae): | | | | | |
| Cactus | Mexico | | | 1 | Tex. |
| <i>Mammillaria neumanniana</i> (cactus) | do | | | 1 | Tex. |
| <i>Mammillaria woodsii</i> | do | | | 1 | N. J. |
| <i>Mammillaria</i> sp. | do | | | 3 | Tex. |
| Plant | do | | | 1 | Tex. |
| <i>Sparteus villosus</i> (F.) (Bruchidae): | | | | | |
| <i>Cytisus scoparius</i> (Scotch broom) | Italy | | | 1 | N. J. |
| <i>Cytisus</i> sp. | Belgium, Denmark | | | 3 | N. J., Pa., Tex. |
| <i>Laburnum alpinum</i> (Scotch laburnum) | Italy | | | 1 | N. Y. |
| <i>Mathiola incana</i> | do | | | 1 | Mass. |
| <i>Spartium junceum</i> (weavers-broom) | do | | | 1 | N. J. |
| <i>Sphenarches caffer</i> (Zell.) (Pterophoridae): | | | | | |
| <i>Cajanus cajan</i> (pigeonpea) | Puerto Rico | 5 | | | N. Y., P. R. |
| <i>Spintherus leguminum</i> (Ratz.) (Pteromalidae): | | | | | |
| <i>Vicia sativa</i> (vetch) | Germany | 1 | | | Pa. |
| <i>Stenoma anonella</i> Sepp. (Stenomidae): | | | | | |
| <i>Annona muricata</i> (soursop) | Panama | 2 | | | N. Y. |
| <i>Annona reticulata</i> (custard-apple) | Mexico | | 1 | | Fla.* |
| <i>Stenoma catenifer</i> Wlsm. (Stenomidae): | | | | | |
| <i>Persea americana</i> (avocado) | Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, Honduras, Mexico, Nicaragua, Panama, Peru, Salvador, unknown. | 27 | 10 | 1 | Ala. Calif.,* La., N. Y., P. R., Tex., Va. |
| <i>Persea</i> sp. | Colombia | | 1 | | Calif.* |
| <i>Stenoscelis hylastoides</i> Woll. (Curculionidae): | | | | | |
| <i>Vitis</i> sp. (grape) | Union of South Africa | 1 | | | N. Y. |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|---|-----------------------------|----------|-------------|----------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Stenygrinum quadrinotatum</i> Bates (Cerambycidae): | | | | | |
| <i>Quercus</i> sp. (acorn)----- | India (?)----- | 1 | | | N. Y. |
| <i>Stephanitis pyri</i> (F.) (Tingidae): | | | | | |
| <i>Cotoneaster</i> sp----- | Greece----- | | | 1 | N. J. |
| <i>Cydonia oblonga</i> (quince)----- | Italy----- | 1 | | | N. Y. |
| <i>Stephanoderes buscki</i> Hopk. (Scolytidae): | | | | | |
| <i>Caesalpinia pulcherrima</i> (Barbados pride)----- | Canal Zone----- | | | 2 | Tex. |
| <i>Dioscorea</i> sp. (yam)----- | Barbados----- | 1 | | | Mass. |
| <i>Murraya</i> sp----- | Canal Zone----- | | | 2 | Tex. |
| <i>Stephanoderes depressus</i> Eichh. (Scolytidae): | | | | | |
| <i>Cajanus cajan</i> (pigeonpea)----- | Puerto Rico----- | 1 | | | P. R. |
| <i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): | | | | | |
| <i>Coffea</i> sp. (coffee)----- | Angola, Brazil, Netherlands East Indies, South America. | 3 | 1 | 1 | Ill., N. Y., Tex. |
| <i>Stephanoderes lecontei</i> Hopk. (Scolytidae): | | | | | |
| <i>Karwinskia humboldtiana</i> ----- | Mexico----- | 1 | | | Tex. |
| <i>Sybra alternans</i> Wied. (Cerambycidae): | | | | | |
| With ginger and bird-of-paradise-flower cuttings. | Hawaii----- | 1 | | | Hawaii. |
| <i>Syrirta oceanica</i> Macq. (Syrphidae): | | | | | |
| <i>Cocos nucifera</i> (coconut)----- | do----- | 1 | | | Hawaii. |
| <i>Taeniothrips atratus</i> (Hal.) (Thripidae): | | | | | |
| <i>Calluna vulgaris</i> (heather)----- | Scotland----- | 1 | | | D. C. |
| <i>Dianthus</i> sp. (carnation)----- | Germany----- | 2 | | | N. Y. |
| <i>Gladiolus</i> sp----- | Denmark----- | 1 | | | N. Y. |
| <i>Ipomoea batatas</i> (sweetpotato)----- | Scotland----- | | 1 | | Ill. |
| <i>Lathyrus odoratus</i> (sweet pea)----- | Sweden----- | 1 | | | N. Y. |
| <i>Taeniothrips ericae</i> (Hal.) (Thripidae): | | | | | |
| <i>Calluna vulgaris</i> (heather)----- | Scotland----- | 2 | | | D. C., Pa. |
| <i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae): | | | | | |
| <i>Alyxia olivaeformis</i> (maile alyxia)----- | Hawaii----- | 1 | | | Calif.* |
| <i>Canavalia</i> sp----- | do----- | 1 | | | Calif.* |
| <i>Dianthus</i> sp. (carnation)----- | China, Hawaii----- | 3 | | | Calif.,* Hawaii. |
| <i>Hibiscus</i> sp----- | Hawaii----- | 1 | | | Hawaii. |
| <i>Jasminum sambac</i> (Arabian jasmine)----- | do----- | 1 | | | Hawaii. |
| <i>Strelitzia reginae</i> (bird-of-paradise-flower)----- | do----- | 1 | | | Calif.* |
| <i>Talponia batesi</i> Hein. (Olethreutidae): | | | | | |
| <i>Annona cherimola</i> (cherimoya)----- | Mexico----- | 5 | | | Tex. |
| <i>Tanymecus confusus</i> Say (Curculionidae): | | | | | |
| <i>Gladiolus</i> sp----- | do----- | 1 | | | Tex. |
| " <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae): | | | | | |
| <i>Ananas comosus</i> (pineapple)----- | Azores, Mexico----- | 25 | | | Calif.,* N. Y., Tex. |
| " <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae): | | | | | |
| <i>Dioscorea</i> sp. (yam)----- | Barbados, Canal Zone, Cuba, Nevis, St. Kitts. | 12 | 2 | | Fla.,* Mass., N. Y. |
| " <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae): | | | | | |
| Grass----- | Guam, Puerto Rico----- | 1 | | 1 | Calif.,* D. C. |
| <i>Paspalum</i> sp----- | Nigeria----- | | | 1 | D. C. |
| <i>Saccharum officinarum</i> (sugarcane)----- | Haiti, Honduras, Mexico----- | 2 | 1 | | Fla.,* N. Y., Tex. |
| <i>Tarsonemus laticeps</i> Halb. (Tarsonemidae): | | | | | |
| <i>Narcissus</i> sp----- | England, Netherlands----- | | | 2 | N. J. |
| <i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae): | | | | | |
| Orchid----- | Mexico----- | | | 16 | Tex. |
| <i>Tenthecoris bicolor</i> Scott (Miridae): | | | | | |
| Orchid----- | do----- | | | 4 | Tex. |
| <i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae): | | | | | |
| Orchid----- | do----- | | | 10 | Tex. |
| <i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae): | | | | | |
| <i>Epidendrum</i> sp. (orchid)----- | Canal Zone----- | | | 1 | Fla. |
| Orchid----- | do----- | | | 2 | Fla. |
| <i>Tenthecoris orchidearum</i> Reuter (Miridae): | | | | | |
| <i>Cattleya</i> sp. (orchid)----- | Brazil----- | | | 1 | Calif.* |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|--|-----------------------------|----------|-------------|----------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae): | | | | | |
| <i>Cattleya</i> sp. (orchid)..... | Colombia..... | | | 1 | N. J. |
| <i>Oncidium</i> sp. (orchid)..... | Venezuela..... | | | 1 | N. J. |
| <i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae): | | | | | |
| <i>Bauhinia</i> sp..... | Mexico..... | | | 1 | Tex. |
| <i>Cassia fistula</i> (golden-shower)..... | Nicaragua..... | | | 1 | Calif.* |
| <i>Karwinskia humboldtiana</i> | Mexico..... | 1 | | | Tex. |
| Leaf..... | Guatemala, Mexico..... | 4 | | | Tex. |
| <i>Pithecellobium dulce</i> (guamuchil)..... | Mexico..... | 1 | | | Ariz. |
| <i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae): | | | | | |
| <i>Xylosma</i> sp..... | do..... | | | 1 | Tex. |
| <i>Tetraleurodes quadratus</i> Sampson & Drews (Aleyrodidae): | | | | | |
| <i>Rosa</i> sp. (rose)..... | do..... | 1 | | | Tex. |
| <i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae): | | | | | |
| Leaf..... | do..... | 1 | | | Tex. |
| Unknown..... | Costa Rica..... | | | 1 | Tex. |
| <i>Tetropium fuscum</i> (F.) (Cerambycidae): | | | | | |
| <i>Picea</i> sp. (spruce)..... | Norway..... | 1 | | | N. Y. |
| <i>Thrips angusticeps</i> Uzel (Thripidae): | | | | | |
| <i>Anemone</i> sp..... | Netherlands..... | 1 | | | N. Y. |
| <i>Chrysanthemum</i> sp..... | England..... | 1 | | | N. Y. |
| <i>Dianthus</i> sp. (carnation)..... | Czechoslovakia, Germany, Italy..... | 3 | | | N. Y. |
| Flowers..... | England..... | | 1 | | Ill. |
| <i>Lathyrus odoratus</i> (sweet pea)..... | Sweden..... | 1 | | | N. Y. |
| <i>Mimosa</i> sp..... | Italy..... | 1 | | | N. Y. |
| <i>Rosa</i> sp..... | Czechoslovakia, Germany, Norway..... | 2 | 1 | | N. Y. |
| <i>Trifolium repens</i> var. (shamrock)..... | Ireland, North Ireland..... | 1 | | 1 | N. Y. |
| <i>Thrips flavus</i> Schr. (Thripidae): | | | | | |
| <i>Bellis perennis</i> (English daisy)..... | Czechoslovakia..... | 1 | | | N. Y. |
| <i>Chrysanthemum</i> sp..... | Unknown..... | 1 | | | N. Y. |
| <i>Zantedeschia aethiopica</i> (callalily)..... | Mexico..... | 1 | | | Tex. |
| <i>Toxotrypana curvicauda</i> Gerst. (Tephritidae): | | | | | |
| <i>Carica papaya</i> (papaya)..... | do..... | 1 | | | Tex. |
| <i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae): | | | | | |
| <i>Laurus nobilis</i> (Grecian laurel)..... | Italy..... | | 1 | | N. Y. |
| <i>Laurus</i> sp..... | do..... | | | 1 | N. Y. |
| <i>Trialeurodes multipori</i> Russell (Aleyrodidae): | | | | | |
| <i>Quercus</i> sp. (oak)..... | Mexico..... | 1 | | | Ariz. |
| <i>Trialeurodes oblongifoliae</i> Russell (Aleyrodidae): | | | | | |
| <i>Quercus</i> sp. (oak)..... | do..... | 1 | | | Ariz. |
| <i>Trialeurodes vitrinellus</i> (Ckll.) (Aleyrodidae): | | | | | |
| <i>Citrus sinensis</i> (orange)..... | do..... | 1 | | | Tex. |
| <i>Citrus</i> sp..... | do..... | 1 | | | Tex. |
| <i>Trionymus peregrinus</i> (Green) (Coccidae): | | | | | |
| <i>Amaryllis</i> sp..... | Netherlands..... | | | 1 | N. J. |
| <i>Trionymus sacchari</i> (Ckll.) (Coccidae): | | | | | |
| <i>Saccharum officinarum</i> (sugarcane)..... | Philippines..... | | 1 | | Calif.* |
| <i>Trioza urticae</i> (L.) (Psyllidae): | | | | | |
| <i>Brassica oleracea botrytis</i> (cauliflower)..... | Netherlands..... | | 1 | | Ala. |
| <i>Tubifera arvorum</i> (F.) (Syrphidae): | | | | | |
| Airplane..... | Hawaii..... | | 3 | | Hawaii. |
| <i>Ulopa reticulata</i> (F.) (Cicadellidae): | | | | | |
| <i>Calluna vulgaris</i> (heather)..... | Scotland..... | | | 1 | N. Y. |
| <i>Unaspis citri</i> (Comst.) (Coccidae): | | | | | |
| <i>Citrus paradisi</i> (grapefruit)..... | British West Indies, Jamaica, Mexico, Puerto Rico..... | 1 | 3 | | Calif.,* N. Y. |
| <i>Citrus sinensis</i> (orange)..... | Argentina, Brazil..... | | 2 | | Fla.* |
| <i>Unaspis euonymi</i> (Comst.) (Coccidae): | | | | | |
| <i>Euonymus</i> sp..... | Japan..... | | | 1 | Calif.* |

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

| Insect and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|--|-----------------------------|----------|------------------|-----------------------------|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Unaspis yanonensis</i> (Kuw.) (Coccidae): | | | | | |
| <i>Citrus limon</i> (lemon)----- | Japan----- | | 2 | | Calif.* |
| <i>Citrus paradisi</i> (grapefruit)----- | do----- | | 1 | | Calif.* |
| <i>Citrus reticulata</i> (Mandarin orange)----- | do----- | 2 | 1 | | Calif.* |
| <i>Citrus sinensis</i> (orange)----- | do----- | | 5 | | Calif.* |
| <i>Citrus</i> sp----- | do----- | | 1 | | Wash. |
| <i>Valtissus diversus</i> (Dist.) (Lygaeidae): | | | | | |
| <i>Lycopersicon esculentum</i> (tomato)----- | Mexico----- | 1 | | | Ariz. |
| <i>Vesiculaphis caracis</i> (Full.) (Aphidae): | | | | | |
| <i>Rhododendron</i> sp----- | Japan----- | | | 3 | Hawaii, Wash. |
| <i>Vinsonia stellifera</i> (Westw.) (Coccidae): | | | | | |
| <i>Broughtonia</i> sp----- | Jamaica----- | | | 1 | Fla. |
| <i>Cattleya</i> sp. (orchid)----- | Puerto Rico----- | | | 1 | N. J. |
| <i>Cynoches chlorochilon</i> (orchid)----- | Canal Zone----- | | | 1 | Fla. |
| Orchid----- | American Virgin Islands, Brazil, British West Indies, Canal Zone, Cuba, Honduras, Ja- maica, Trinidad, Ve- nezuela. | | | 21 | Fla., Mass., N. J., Tex. |
| <i>Stanhopea bucephalus</i> (orchid)----- | Venezuela----- | | | 1 | Calif.* |
| <i>Stanhopea</i> sp----- | do----- | | | 1 | N. J. |
| <i>Vanilla</i> sp. (orchid)----- | Dominica----- | | | 1 | N. J. |
| <i>Xylobiops texanus</i> (Horn) (Bostrichidae): | | | | | |
| <i>Prosopis</i> sp. (mesquite)----- | Mexico----- | 1 | | | Tex. |
| <i>Xystrocera globosa</i> (Oliv.) (Cerambycidae): | | | | | |
| <i>Cassia</i> sp. (monkey pod tree)----- | Hawaii----- | 1 | | | Hawaii. |
| <i>Zonosemata electa</i> (Say) (Tephritidae): | | | | | |
| <i>Solanum elaeagnifolium</i> (silverleaf night- shade). | Mexico----- | 1 | | | Tex. |

Hosts and insects

| | |
|--|---|
| ABIES: | ALLIUM SATIVUM—Continued |
| <i>Aspidiotus cryptomeriae</i> (Homoptera) | <i>Brachycerus albidentatus</i> (Coleoptera) |
| <i>Chrysomphalus nigropunctatus</i> (Homoptera) | <i>Brachycerus algirus</i> (Coleoptera) |
| <i>Lepidosaphes japonica</i> (Homoptera) | <i>Dyspessa ulula</i> (Lepidoptera) |
| <i>Megastigmus suspectus</i> (Hymenoptera) | <i>Lampetia equestris</i> (Diptera) |
| ACACIA: | <i>Penichora fasciata</i> (Coleoptera) |
| <i>Acanthoscelides spinipes</i> (Coleoptera) | ALOE: |
| <i>Bruchidius aurivillii</i> (Coleoptera) | “ <i>Chionaspis</i> ” <i>exalbida</i> (Homoptera) |
| <i>Caryedon fuscus</i> (Coleoptera) | ALPINIA: |
| <i>Chrysomphalus odontoglossi</i> (Homoptera) | <i>Coccus viridis</i> (Homoptera) |
| <i>Mimosestes sallaei</i> (Coleoptera) | ALYXIA: |
| <i>Niphona picticornis</i> (Coleoptera) | <i>Pinnaspis uniloba</i> (Homoptera) |
| <i>Psylla uncata</i> (Homoptera) | <i>Taeniothrips hawaiiensis</i> (Thysanoptera) |
| ACER: | AMARYLLIS: |
| <i>Parlatoria theae</i> (Homoptera) | <i>Trionymus peregrinus</i> (Homoptera) |
| AERIDES: | ANANAS: |
| <i>Parlatoria pseudaspidotus</i> (Homoptera) | <i>Alpheias conspirata</i> (Lepidoptera) |
| AGAVE: | <i>Exptochiomeria albomaculata</i> (Hemiptera) |
| <i>Ligyrocoris aurivilliana</i> (Hemiptera) | <i>Genopaschia protomis</i> (?) (Lepidoptera) |
| AGLAONEMA: | <i>Pheidole megacephala</i> (Hymenoptera) |
| <i>Coptotermes formosanus</i> (Isoptera) | <i>Platynota rostrana</i> (Lepidoptera) |
| ALAFIA: | <i>Platypus rugulosus</i> (Coleoptera) |
| “ <i>Chionaspis</i> ” <i>funtumiae</i> (Homoptera) | <i>Ribua innoxia</i> (Lepidoptera) |
| ALBIZZIA: | <i>Sisamnes contractus</i> (Hemiptera) |
| <i>Caryedon fuscus</i> (Coleoptera) | “ <i>Targionia</i> ” <i>bromiliae</i> (Homoptera) |
| ALLIUM ASCALONICUM: | ANEMONE: |
| <i>Myzus ascalonicus</i> (Homoptera) | <i>Haplothrips gowdeyi</i> (Thysanoptera) |
| ALLIUM CEPA: | <i>Thrips angusticeps</i> (Thysanoptera) |
| <i>Pyrrhocoris apterus</i> (Hemiptera) | ANNONA: |
| ALLIUM PORRUM: | <i>Aspidiotus destructor</i> (Homoptera) |
| <i>Acrolepia assectella</i> (Lepidoptera) | <i>Ceratitis capitata</i> (Diptera) |
| ALLIUM SATIVUM: | <i>Stenoma anonella</i> (Lepidoptera) |
| <i>Aglossa cuprealis</i> (Lepidoptera) | <i>Talponia batesi</i> (Lepidoptera) |

Hosts and insects—Continued

ANTHURIUM:

- Ceroplastes rubens* (Homoptera)
Nysius coenosulus (Hemiptera)

ANTIRRHINUM:

- Anuraphis helichrysi* (Homoptera)
Dicyphus errans (Hemiptera)
Frankliniella insularis (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

APHELANDRA:

- Aleurotrachelus trachoides* (Homoptera)

APIUM:

- Rhopalosiphoninus tulipaellus* (Homoptera)

ARACEAE:

- Phenacaspis sandwicensis* (Homoptera)

ARACHIS:

- Caryedon fuscus* (Coleoptera)

ARECA:

- Aspidiotus spinosus* (Homoptera)

ARECASTRUM:

- Pinnaspis buxi* (Homoptera)

ARMERIA:

- Haplothrips gowdeyi* (Thysanoptera)

ASTER:

- Haplothrips gowdeyi* (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

ASTROCARYUM:

- Aspidiotus spinosus* (Homoptera)

AVENA:

- Diabrotica speciosa* (Coleoptera)
Limothrips cerealium (Thysanoptera)

BAMBOO:

- Acanthoscelides armitagei* (Coleoptera)
Asterolecanium bambusae (Homoptera)
Chionaspis elongata (Homoptera)
Cryptotermes brevis (Isoptera)
Dinoderus brevis (Coleoptera)
Myelobia smerintha (Lepidoptera)

BAMBUSA:

- Odonaspis greeni* (Homoptera)

BAUHINIA:

- Tetraleurodes acaciae* (Homoptera)

BEGONIA:

- Iridomyrmex humilis* (Hymenoptera)

BELLIS:

- Thrips flavus* (Thysanoptera)

BETA:

- Rhopalosiphoninus tulipaellus* (Homoptera)

BRASSAVOLA:

- Chrysomphalus tenax* (Homoptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)

BRASSICA OLERACEA BOTRYTIS:

- Mamestra brassicae* (Lepidoptera)
Pieris brassicae (Lepidoptera)
Trioza urticae (Homoptera)

BRASSICA OLERACEA CAPITATA:

- Evergestis forficalis* (Lepidoptera)
Hypera fasciculata (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Mamestra brassicae (Lepidoptera)
Phyllotreta atra (Coleoptera)
Phyllotreta cruciferae (Coleoptera)
Pieris brassicae (Lepidoptera)
Psylliodes chrysocephala (Coleoptera)

BRASSICA RAPA:

- Adrastus limbatus* (Coleoptera)
Lampetia equestris (Diptera)
Psylliodes chrysocephala (Coleoptera)

BROMELIA:

- Ligyrocoris abdominalis* (Hemiptera)
Plagiodera semivittata (Coleoptera)

BROMELIAD:

- Asterolecanium epidendri* (Homoptera)
Calligrapha argus (Coleoptera)
Ogdoecosta biannularis (Coleoptera)
Pinnaspis buxi (Homoptera)

BROUGHTONIA:

- Vinsonia stellifera* (Homoptera)

BROWNEA:

- Dercynus micronyx* (Coleoptera)

BRYOPHYLLUM:

- Heterogaster urticae* (Hemiptera)
Pulvinaria psidii (Homoptera)

BURSERA:

- Aspidiotus herculeanus* (Homoptera)

CACTUS:

- Ceratitis capitata* (?) (Diptera)
Chelysoma variabilis (Hemiptera)
Lepidosaphes philococcus (Homoptera)
Ligyrocoris nitidicollis (Hemiptera)
Plagiodera thymaloides (Coleoptera)
Sizeonotus luteiceps (Hemiptera)

CAESALPINIA:

- Mimosestes dominicanus* (Coleoptera)
Stephanoderes buscki (Coleoptera)

CAJANUS:

- Acanthoscelides armitagei* (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Brachyacma palpigera (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Stephanoderes depressus (Coleoptera)

CALLISTEPHUS:

- Anuraphis helichrysi* (Homoptera)

CALLUNA:

- Acalypta parvula* (Hemiptera)
Brachyrhinus ovatus (Coleoptera)
Drymus brunneus (Hemiptera)
Gelechia ericetella (Lepidoptera)
Lochmaea suturalis (Coleoptera)
Micrelus ericae (Coleoptera)
Orthezia cataphracta (Homoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Ulopa reticulata (Homoptera)

CAMELLIA:

- Ceroplastes rubens* (Homoptera)
Lepidosaphes chinensis (Homoptera)
Parlatoria camelliae (Homoptera)
Pseudoparlatoria ostreata (Homoptera)

CAMPSIS:

- Pulvinaria psidii* (Homoptera)

CANAVALLIA:

- Haplothrips gowdeyi* (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

CAPSICUM:

- Aleurotrachelus trachoides* (Homoptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Gnorimoschema gudmannella (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pulvinaria urticae (Homoptera)

CARALLUMA:

- Asterolecanium stentae* (Homoptera)

CARICA:

- Aspidiotus spinosus* (Homoptera)
Icerya littoralis (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Toxotrypana curvicauda (Diptera)

CASSIA:

- Caryedon fuscus* (Coleoptera)
Phelomerus aberrans (Coleoptera)
Tetraleurodes acaciae (Homoptera)
Xystocera globosa (Coleoptera)

CASTANEA:

- Hemimene juliana* (Lepidoptera)
Laspeyresia splendana (Lepidoptera)

CASUARINA:

- Orthezia praelonga* (Homoptera)

CATASETUM:

- Furcaspis biformis* (Homoptera)
Pseudaonidia tessera (Homoptera)

CATTLEYA:

- Amorbia emigratella* (Lepidoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Coccus pseudohesperidum (Homoptera)
Conchaspis angraeci (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Lincus rufospilotus (Hemiptera)
Parallelodiplosis cattleyae (Diptera)
Protopulvinaria longivalvata (Homoptera)

Hosts and insects—Continued

CATTLEA—Continued

- Pseudischnaspis alienus* (Homoptera)
Tenthecoris orchidearum (Hemiptera)
Tenthecoris venezuelensis (Hemiptera)
Vinsonia stellifera (Homoptera)

CEDRELA:

- Fulvius brevicornis* (Hemiptera)
Platypus rugulosus (Coleoptera)

CEDRUS:

- Kaloterms snyderi* (Isoptera)

CENTAUREA:

- Crophius scabrosus* (Hemiptera)
Pachyzancla bipunctalis (Lepidoptera)

CERATONIA:

- Aspidiotus zenatus* (Homoptera)
Myelois ceratoniae (Lepidoptera)

CHRYSANTHEMUM:

- Anuraphis helichrysi* (Homoptera)
Capitophorus chrysanthemi (Homoptera)
Frankliniella cubensis (Thysanoptera)
Macrosiphoniella oblonga (Homoptera)
Rhopalophora incrustata (Coleoptera)
Thrips angusticeps (Thysanoptera)
Thrips flavus (Thysanoptera)

CHYSIS:

- Chrysomphalus umboniferus* (Homoptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Leucaspis cockerelli (Homoptera)
Lygaeus circumplicatus (Hemiptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

CITRUS AURANTIUM:

- Aleurocanthus woglumi* (Homoptera)
Aleurothrixus floccosus (Homoptera)
Anastrepha ludens (Diptera)
Paraleyrodes citricolus (Homoptera)

CITRUS GRANDIS:

- Prays endocarpa* (Lepidoptera)

CITRUS LIMON:

- Aonidiella citrina* (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS MEDICA:

- Rhinacloa subpallicornis* (Hemiptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
Aspidiotus palmarum (Homoptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS RETICULATA:

- Aleurocanthus woglumi* (Homoptera)
Anastrepha serpentina (Diptera)
Ceratitis capitata (Diptera)
Dialeurodes citri (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Argyroploce leucotreta (Lepidoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Dialeurodes citrifolii (Homoptera)
Gymnandrosoma aurantium (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Trialeurodes vitrinellus (Homoptera)

CITRUS SINENSIS—Continued

- Unaspis citri* (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
Chrysomphalus pinnulifera (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes citrifolii (Homoptera)
Frankliniella insularis (Thysanoptera)
Parlatoria zizyphus (Homoptera)
Trialeurodes vitrinellus (Homoptera)
Unaspis yanonensis (Homoptera)

COCOLOBA:

- Frankliniella insularis* (Thysanoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
Aspidiotus coryphae (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus excisus (Homoptera)
Aspidiotus pangoensis (Homoptera)
Aspidiotus spinosus (Homoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus tingi (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Eucalymnatus tessellatus (Homoptera)
Furcaspis oceanica (Homoptera)
"Lepidosaphes" esakii (Homoptera)
Phenacaspis sandwicensis (Homoptera)
Pinnaspis buxi (Homoptera)
Pseudococcus palmarum (Homoptera)
Syricta oceanica (Diptera)

CODIAEUM:

- Ferrisiana virgata* (Homoptera)
Lepidosaphes tokionis (Homoptera)
Lichtensia lutea (Homoptera)
Orthezia praelonga (Homoptera)
Parlatoria crotonis (Homoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
Dacus dorsalis (?) (Diptera)
Stephanoderes hampei (Coleoptera)

CONVALLARIA:

- Hebrus pusillus* (Hemiptera)

COPAIFERA:

- Platypus rugulosus* (Coleoptera)

CORNUS:

- Allantus cinctus* (Hymenoptera)

CORYLUS:

- Capitophorus avellanae* (?) (Homoptera)

CORYPHANTHA:

- Gerstaeckeria mutillaria* (Coleoptera)

COTONEASTER:

- Stephanitis pyri* (Hemiptera)

CRATAEGUS:

- Acronicta tridens* (Lepidoptera)

CRYPTOMERIA:

- Dinoderus bifoveolatus* (Coleoptera)
Rhiobia praeceps (Hemiptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
Exptochiomeria albomaculata (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Myiopardalis pardalina (Diptera)

CUCURBITA:

- Anastrepha grandis* (Diptera)
Exptochiomeria albomaculata (Hemiptera)
Exptochiomeria oblonga (Hemiptera)

CYBISTAX:

- Platypus rugulosus* (Coleoptera)

CYCNOCHES:

- Vinsonia stellifera* (Homoptera)

CYDONIA:

- Ceratitis capitata* (Diptera)
Parlatoria oleae (Homoptera)
Stephanitis pyri (Hemiptera)

CYMBIDIUM:

- Dinoderus brevis* (Coleoptera)
Lepidosaphes tuberculata (Homoptera)

CYNARA:

- Anuraphis cynariella* (Homoptera)
Apion carduorum (Coleoptera)
Apion carduorum var. (Coleoptera)

Hosts and insects—Continued

CYNARA—Continued

- Epicometis hirta* (Coleoptera)
Gortyna flavago (Lepidoptera)
Ptosima undecimmaculata (Coleoptera)

CYTISUS:

- Bruchidius lividimonus* var. (Coleoptera)
Sparteus villosus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)

DAHLIA:

- Haplothrips gowdeyi* (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

DAISY:

- Anuraphis helichrysi* (Homoptera)

DALBERGIA:

- Platypus rugulosus* (Coleoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)

DELPHINIUM:

- Serica brunnea* (?) (Coleoptera)

DENDROBIUM:

- Achatina fulica* (Mollusca)
Ferrisiana virgata (Homoptera)
Parlatoria pseudaspidotus (Homoptera)
Pinnaspis buxi (Homoptera)

DESMODIUM:

- Bruchidius gilvus* (Coleoptera)

DIANTHUS:

- Anuraphis helichrysi* (Homoptera)
Brachyrhinus ovatus (Coleoptera)
Bradybaena similis (Mollusca)
Dizygomyza flavifrons (Diptera)
Euxesta notata (Diptera)
Haplothrips cottei (Thysanoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
Pheidole megacephala (Hymenoptera)
Stephanoderes buscki (Coleoptera)
"Targionia" hartii (Homoptera)

DIOSPYROS:

- Aspidiotus spinosus* (Homoptera)
Callidium rufipenne (Coleoptera)
Ceratitis capitata (Diptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes conchiformis (Homoptera)
Parlatoria oleae (Homoptera)

DOLICHOS:

- Callosobruchus phaseoli* (Coleoptera)

ECHEVERIA:

- Eumysia stigmella* (Lepidoptera)

ENTEROLOBIUM:

- Dinoderus bifoveolatus* (Coleoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Tenthoris distinguendus (Hemiptera)

ERICA:

- Antestia variegata lineaticollis* (Hemiptera)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)
Iridomyrmex humilis (Hymenoptera)

EUGENIA:

- Dialeurodes platicus* (?) (Homoptera)

EUONYMUS:

- Ceroplastes rubens* (Homoptera)
Parlatoria theae (Homoptera)
Unaspis euonymi (Homoptera)

EUTERPE:

- Coccotrypes pygmaeus* (Coleoptera)

FICUS:

- Aspidiotus zonatus* (Homoptera)
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Homotoma ficus (Homoptera)
Hypoborus ficus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes ficus (Homoptera)
Parlatoria oleae (Homoptera)

FOENICULUM:

- Pieris brassicae* (Lepidoptera)

FORTUNELLA:

- Ceratitis capitata* (Diptera)

FRAGARIA:

- Mamestra brassicae* (Lepidoptera)

FRAXINUS:

- Hylesinus fraxini* (Coleoptera)
Leperisinus fraxini (Coleoptera)

GARDENIA:

- Aleuroparadoxus gardeniae* (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Aspidiotus degeneratus (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Frankliniella insularis (Thysanoptera)
Paraleyrodes citricolus (Homoptera)
Platynota rostrana (Lepidoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyrififormis (Homoptera)
Pulvinaria psidii (Homoptera)

GERBERA:

- Anuraphis helichrysi* (Homoptera)
Iridomyrmex humilis (Hymenoptera)

GLADIOLUS:

- Chalcolepidius approximatus* (Coleoptera)
Frankliniella insularis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Myzus ascalonicus (Homoptera)
Pheidole megacephala (Hymenoptera)
Rhinacloa subpallicornis (Hemiptera)
Rhopalosiphoninus tulipaellus (Homoptera)
Taeniothrips atratus (Thysanoptera)
Tanymecus confusus (Coleoptera)

GOMPHRENA:

- Coccus viridis* (Homoptera)
Pachyzancla bipunctalis (Lepidoptera)

GOSSYPIUM:

- Alpheias conspirata* (Lepidoptera)
Ferrisiana virgata (Homoptera)
Lygaeus teapensis (Hemiptera)
Oxycarenus hyalinipennis (Hemiptera)
Oxycarenus laetus (Hemiptera)
Pectinophora gossypiella (Lepidoptera)

GRAPTOPHYLLUM:

- Ferrisiana virgata* (Homoptera)

GUAJACUM:

- Astyochus setiger* (Coleoptera)
Neoclytus cacticus (Coleoptera)

HEDYSARUM:

- Bruchidius gilvus* (Coleoptera)

HELICONIA:

- Oxydema longulum* (Coleoptera)
Pseudococcus probrevipes (Homoptera)

HELIOTROPIUM:

- Asterolecanium pustulans* (Homoptera)

HIBISCUS:

- Crociosema plebeiana* (Lepidoptera)
Frankliniella insularis (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Platysaissetia castilloae (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

HOWEA:

- Pinnaspis buxi* (Homoptera)

HYPERBAENA:

- Chrysomphalus personatus* (Homoptera)

ILEX:

- Aleuroplatus ilicis* (Homoptera)
Phenacaspis aucubae (Homoptera)

IPOMOEA:

- Araecerus vieillardii* (Coleoptera)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius var. (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Ips interstitialis (Coleoptera)
Taeniothrips atratus (Thysanoptera)

IRIS:

- Frankliniella insularis* (Thysanoptera)

IXORA:

- Coccus viridis* (Homoptera)

JASMINUM:

- Asterolecanium pustulans* (Homoptera)
Heterotermes convexinotatus (Isoptera)
Taeniothrips hawaiiensis (Thysanoptera)

*Hosts and insects—Continued***JUNIPERUS:**

- Dinoderus brevis* (Coleoptera)
- Lepidosaphes newsteadi* (Homoptera)
- Lepidosaphes pallida* (Homoptera)

KARWINSKIA:

- Aleuoparadoxus ilicicola* (Homoptera)
- Ferrisiana virgata* (Homoptera)
- Stephanoderes lecontei* (Coleoptera)
- Tetraleurodes acaciae* (Homoptera)

KERRIA:

- Allantus cinctus* (Hymenoptera)

KERSTINGIELLA:

- Caryedon fuscus* (Coleoptera)

KHAYA:

- Heterobostrychus aequalis* (Coleoptera)

LABURNUM:

- Chaetocnema hortensis* (Coleoptera)
- Sparteus villosus* (Coleoptera)

LAELIA:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Pseudischnaspis alienus* (Homoptera)

LANTANA:

- Epinotia lantana* (?) (Lepidoptera)
- Rhinacloa subpallicornis* (Hemiptera)

LATHYRUS:

- Aglossa cuprealis* (Lepidoptera)
- Bruchus tristiculus* (Coleoptera)
- Bruchus tristis* (Coleoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips angusticeps* (Thysanoptera)

LAURUS:

- Aspidiotus britannicus* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Cacoecia pronubana* (Lepidoptera)
- Ceroplastes denudatus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Trialeurodes lauri* (Homoptera)

LENS:

- Bruchidius incarnatus* (Coleoptera)
- Bruchus ervi* (Coleoptera)
- Bruchus lentis* (Coleoptera)
- Bruchus signaticornis* (Coleoptera)
- Bruchus ulicis* (Coleoptera)

LEUCADENDRON:

- Iridomyrmex humilis* (Hymenoptera)

LEUCOJUM:

- Lampetia equestris* (Diptera)

LIGUSTRUM:

- Coccus viridis* (Homoptera)

LILIUM:

- Crioceris lilii* (Coleoptera)
- Frankliniella insularis* (Thysanoptera)
- Fulvius brevicornis* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Myzus ascalonicus* (?) (Homoptera)
- Orthezia cataphracta* (Homoptera)
- Orthochaetes setiger* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Podagrica malvae* (Coleoptera)

LINUM:

- Attagenus gloriosae* (Coleoptera)

LITCHI:

- Pachybrachius nietneri* (Hemiptera)

LONAS:

- Bradybaena similis* (Mollusea)

LONICERA:

- Aspidiotus excisus* (Homoptera)
- Ferrisiana virgata* (Homoptera)

LUPINUS:

- Bruchus tristis* (Coleoptera)

LYCIUM:

- Ceroplastes rubens* (Homoptera)

LYCOPERSICON:

- Brochymena aculeata* (Hemiptera)
- Cossonus canaliculatus* (Coleoptera)
- Crepidodera asphaltina* (?) (Coleoptera)
- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Disonychia antennata* (Coleoptera)
- Dysdercus mimulus* (Hemiptera)
- Emesopsis nubilus* (Hemiptera)
- Exptochiamera oblonga* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)

LYCOPERSICON—Continued

- Ligyrocoris aurivilliana* (Hemiptera)
- Lineodes integra* (Lepidoptera)
- Neoleucinodes elegantalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Valtissus diversus* (Hemiptera)

MACADAMIA:

- Cryptophlebia illepida* (Lepidoptera)

MALUS:

- Anastrepha ludens* (?) (Diptera)
- Argyresthia conjugella* (Lepidoptera)
- Carposina sasakii* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Epidiaspis piricola* (Homoptera)
- Lepidosaphes conchiformis* (Homoptera)
- Parlatoria oleae* (Homoptera)
- Rhagoletis pomonella* (Diptera)
- Sesamia vutera* (Lepidoptera)

MAMMEA:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (?) (Diptera)
- Ligyrocoris nitidicollis* (Hemiptera)

MAMMILLARIA:

- Sizeonotus luteiceps* (Hemiptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Aulacaspis tubercularis* (Homoptera)
- Ceratitis capitata* (?) (Diptera)
- Cryptorhynchus mangiferae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Leucaspis indica* (Homoptera)
- Parlatoria morrisoni* (Homoptera)
- Pseudaonidia trilobitiformis* (Homoptera)

MANIHOT:

- Ferrisiana virgata* (Homoptera)

MATHIOLA:

- Iridomyrmex humilis* (Hymenoptera)
- Sparteus villosus* (Coleoptera)

MEDICAGO:

- Acrosternum armiger* (Hemiptera)
- Agalliana ensigera* (Homoptera)
- Anthomyza cursor* (Diptera)

MENTHA:

- Phenacoccus madeirensis* (Homoptera)

MERTENSIA:

- Anuraphis helichrysi* (Homoptera)

MESPILUS:

- Laspeyresia splendana* (Lepidoptera)

MIMOSA:

- Iridomyrmex humilis* (Hymenoptera)
- Thrips angusticeps* (Thysanoptera)

MONSTERA:

- Pinnaspis buxi* (Homoptera)

MORAEA:

- Chrysomphalus pinnulifera* (Homoptera)

MORINDA:

- Dialeurodes kirkaldyi* (Homoptera)

MURRAYA:

- Dialeurodes kirkaldyi* (Homoptera)
- Stephanoderes buscki* (Coleoptera)

MUSA:

- Cosmopolites sordidus* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Heterotermes tenuis* (Isoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus* var. (Coleoptera)

MUSCARI:

- Exosoma lusitanica* (Coleoptera)
- Lampetia equestris* (Diptera)

MYOSOTIS:

- Anuraphis helichrysi* (Homoptera)

NARCISSUS:

- Eumerus strigatus* (Diptera)
- Lampetia equestris* (Diptera)
- Tarsonemus laticeps* (Arachnida)

NERIUM:

- Diaprepes familiaris* var. (Coleoptera)
- Frankliniella difficilis* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Morganella longispina* (Homoptera)
- Parlatoria morrisoni* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Phenacaspis sandwicensis* (Homoptera)

Hosts and insects—Continued

OCHROSIA:

Dacus dorsalis (Diptera)

ODONTOGLOSSUM:

Amorbia emigratella (?) (Lepidoptera)

Pseudischinaspis alienus (Homoptera)

OLEA:

Aleurolobus olivinus (Homoptera)

Dacus oleae (Diptera)

Leucaspis riccae (Homoptera)

Parlatoria oleae (Homoptera)

Phloeotribus scarabaeoides (Coleoptera)

Pollinia pollini (Homoptera)

Prays oleellus (Lepidoptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Coccus pseudoesperidum (Homoptera)

Conchaspis angraeci (Homoptera)

Cryphula apicatus (Hemiptera)

Furcaspis bififormis (Homoptera)

Iridomyrmex iniquus (Hymenoptera)

Pseudoparlatoria ostreata (Homoptera)

Pseudoparlatoria serratulae (Homoptera)

Tenthecoris venezuelensis (Hemiptera)

ONOBRYCHIS:

Eurytoma onobrychidis (Hymenoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

Lepidosaphes philococcus (Homoptera)

Sesamia vutera (Lepidoptera)

ORCHID:

Acroleucus vicinalis (Hemiptera)

Aleuroglandulus emmae (Homoptera)

Antilocoris punctatus (Hemiptera)

Aspidiotus destructor (Homoptera)

Asterolecanium epidendri (Homoptera)

Automeris randa (Lepidoptera)

Calligrapha diversa (Coleoptera)

Capaneus tetricus (Hemiptera)

Ceutorhynchus assimilis (Coleoptera)

Chrysomphalus nigropunctatus (Homoptera)

Chrysomphalus odontoglossi (Homoptera)

Chrysomphalus tenax (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Conchaspis angraeci (Homoptera)

Copaxa lavendera (Lepidoptera)

Corimelaena elegans (Hemiptera)

Crophius scabrosus (Hemiptera)

Cryphula apicatus (Hemiptera)

Ctenochira cumulata (Coleoptera)

Diorymerella laevimargo (Coleoptera)

Eurytoma orchidearum (Hymenoptera)

Exptochiomeria albomaculata (Hemiptera)

Exptochiomeria oblonga (Hemiptera)

Furcaspis bififormis (Homoptera)

Iridomyrmex humilis (Hymenoptera)

Iridomyrmex leucomelas (Hymenoptera)

Kleidocerys godmani (Hemiptera)

Lepidosaphes tuberculata (Homoptera)

Ligyrocoris abdominalis (Hemiptera)

Ligyrocoris aurivilliana (Hemiptera)

Ligyrocoris nitidicollis (Hemiptera)

Lygaeus circumplicatus (Hemiptera)

Lygaeus vittiscutis (Hemiptera)

Macropygium reticulare (Hemiptera)

Mordellistena cattleyana (Coleoptera)

Nasutitermes nigriceps (Isoptera)

Nephotettix apicalis (Homoptera)

Ogdoecosta biannularis (Coleoptera)

Ozophora consanguineus (Hemiptera)

Parallelodiplosis cattleyae (Diptera)

Parlatoria pseudaspidiotus (Homoptera)

Phatnoma annulipes concisa (Hemiptera)

Physonota disjuncta (Coleoptera)

Physorhynchus distigma (Coleoptera)

Plagiodera semivittata (Coleoptera)

Plagiodera thymaloides (Coleoptera)

Pseudaonidia tesserrata (Homoptera)

Pseudischinaspis alienus (Homoptera)

Pseudoparlatoria ostreata (Homoptera)

Pseudoparlatoria serratulae (Homoptera)

Puto mexicanus (Homoptera)

Tenthecoris angustimarginatus (Hemiptera)

Tenthecoris bicolor (Hemiptera)

Tenthecoris confusus (Hemiptera)

ORCHID—Continued

Tenthecoris distinguendus (Hemiptera)

Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

Haplothrips bagnalli (Thysanoptera)

Paromius gracilis (Hemiptera)

ORYZA:

Chilo simplex (Lepidoptera)

Gelasma illiturala (Lepidoptera)

PALM:

Coccotrypes pygmaeus (Coleoptera)

Elytroteinus subtruncatus (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

PANDANUS:

Pseudococcus pandani (Homoptera)

PAPAYER:

Anuraphis helichrysi (Homoptera)

PASPALUM:

"*Targionia*" *sacchari* (Homoptera)

PASSIFLORA:

Frankliniella insularis (Thysanoptera)

PELARGONIUM:

Bradybaena similis (Mollusca)

PERISTERIA:

Iridomyrmex iniquus (Hymenoptera)

PERSEA:

Anastrepha ludens (Diptera)

Aspidiotus destructor (Homoptera)

Aspidiotus diffinis (Homoptera)

Ceratitis anonae (Diptera)

Chrysomphalus personatus (Homoptera)

Conotrachelus aguacatae (Coleoptera)

Conotrachelus perseae (Coleoptera)

Dacus dorsalis (?) (Diptera)

Exptochiomeria albomaculata (Hemiptera)

Lygaeus consanguinitus (Hemiptera)

Platypus rugulosus (Coleoptera)

Stenoma catenifer (Lepidoptera)

PHALAENOPSIS:

Monomorium destructor (Hymenoptera)

PHASEOLUS:

Bradybaena similis (Mollusca)

Callosobruchus pulcher (Coleoptera)

Epinotia opposita (Lepidoptera)

Everes comyntas (Lepidoptera)

Fundella pellucens (Lepidoptera)

Maruca testulalis (Lepidoptera)

PHILODENDRON:

Aspidiotus diffinis (Homoptera)

Chrysomphalus scutiformis (Homoptera)

Chrysomphalus sphaeroides (Homoptera)

Chrysomphalus tenax (Homoptera)

Dione moneta poeyii (Lepidoptera)

Ferrisiana virgata (Homoptera)

Neoleucon horribilis (Hemiptera)

Pinnaspis buxi (Homoptera)

Protopulvinaria pyriformis (Homoptera)

PHOEBE:

Heilipus parvulus (Coleoptera)

PHORADENDRON:

Diaspis miranda (Homoptera)

PHOTINIA:

Dialeurodes citri (Homoptera)

PHYSALIS:

Rhagoletis striatella (Diptera)

PICEA:

Callidium violaceum (Coleoptera)

Drymus brunneus (Hemiptera)

Ernobius abietus (Coleoptera)

Gastrodes pacificus (Hemiptera)

Laspeyresia strobilella (Lepidoptera)

Pityogenes chalcographus (Coleoptera)

Pogonocherus fasciculatus (Coleoptera)

Tetropium fuscum (Coleoptera)

PINUS:

Callidium violaceum (Coleoptera)

Hylurgops palliatus (Coleoptera)

Ips combrae (Coleoptera)

Ips typographus (Coleoptera)

Lepidosaphes newsteadi (Homoptera)

Leucaspis loewi (Homoptera)

Leucaspis signoreti (Homoptera)

Orthotomicus erosus (Coleoptera)

Orthotomicus laricis (Coleoptera)

Pityogenes bidentatus (Coleoptera)

Hosts and insects—Continued

PINUS—Continued

- Pityogenes chalcographus* (Coleoptera)
"Poliaspis" pini (Homoptera)
Polygraphus poligraphus (Coleoptera)
Pseudococcus pini (Homoptera)

PISUM:

- Ancylostomia stercorea* (Lepidoptera)
Bruchus emarginatus (Coleoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
Megastigmus pistaciae (Hymenoptera).

PITHECELLOBIUM:

- Tetraleurodes acaciae* (Homoptera)

PITTIOSPORUM:

- Pulvinaria psidii* (Homoptera)

PLUMERIA:

- Aspidiotus herculeanus* (Homoptera)

POLIANTHES:

- Ferrisiana virgata* (Homoptera)

PORTULACA:

- Loxostege helvialis* (Lepidoptera)
Loxostege similalis (Lepidoptera)
Pantomorus godmani (Coleoptera)

PROSOPIS:

- Xylobiops texanus* (Coleoptera)

PROTEA:

- Antestia variegata lineaticollis* (Hemiptera)
Homothrips distinctus (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS AMYGDALUS AMARA:

- Anastrepha suspensa* (Diptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (?) (Diptera)

PRUNUS AVIUM:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS DOMESTICA:

- Ceratitis capitata* (Diptera)
Iridomyrmex humilis (Hymenoptera)
Oedionychis decorata (Coleoptera)

PRUNUS PADUS:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Grapholitha packardii (Lepidoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PSIDIUM:

- Aleurothrixus floccosus* (Homoptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)
Lechriops psidii (Coleoptera)
Paraleyrodes goyabae (?) (Homoptera)

PTYCHOSPERMA:

- Coccotrypes pygmaeus* (Coleoptera)

PUERARIA:

- Callosobruchus ademptus* (Coleoptera)

PUNICA:

- Anastrepha ludens* (?) (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Myelois ceratoniae (Lepidoptera)
Parlatoria theae (Homoptera)
Siphoninus phyllireae (Homoptera)

PYRUS:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus inopinatus (Homoptera)
Iphiclides podalirius (Lepidoptera)
Parlatoria oleae (Homoptera)

QUERCUS:

- Stenygrinum quadrinotatum* (Coleoptera)
Trialeurodes multipori (Homoptera)
Trialeurodes oblongifoliae (Homoptera)

RAPHANUS:

- Rhopalosiphoninus tulipaellus* (Homoptera)

RHODODENDRON:

- Chaetocnema hortensis* (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Drymus assimilis (Hemiptera)
Drymus brunneus (Hemiptera)
Drymus sylvaticus (Hemiptera)
Gracilaria azaleella (Lepidoptera)
Phenacoccus azaleae (Homoptera)
Psylla rhododendri (Homoptera)

RHODODENDRON—Continued

- Reticulitermes speratus* (Isoptera)
Vesiculaphis caracis (Homoptera)

RIBES:

- Aphis grossulariae* (?) (Homoptera)
Eurydema oleraceum (Hemiptera)

RORIPPA:

- Evergestis rimosalis* (Lepidoptera)

ROSA:

- Amorbia emigratella* (Lepidoptera)
Frankliniella cubensis (Thysanoptera)
Frankliniella insularis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Myzaphis bucktoni (?) (Homoptera)
Parlatoria oleae (Homoptera)
Plagiognathus arbustorum (Hemiptera)
Platynota rostrana (Lepidoptera)
Rhagoletis alternata (Diptera)
Selenothrips rubrocinctus (Thysanoptera)
Tetraleurodes quadratus (Homoptera)
Thrips angusticeps (Thysanoptera)

ROSMARINUS:

- Chrysolina americana* (Coleoptera)
Exosoma lusitanica (Coleoptera)

RUBUS:

- Brachyrhinus ovatus* (Coleoptera)

RUSCUS:

- Aspidiotus britannicus* (Homoptera)

RUTA:

- Phenacoccus madeirensis* (Homoptera)

SACCHARUM:

- Diatraea magnifactella* (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pseudococcus boninsis (Homoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)

SALVIA:

- Eurytoma cynipsea* (Hymenoptera)

SAMANEA:

- Oedopeza pogonocheroides* (Coleoptera)

SAPOTE:

- Anastrepha ludens* (Diptera)
Anastrepha serpentina (Diptera)

SASA:

- Antonina sasae* (Homoptera)

SCHOMBURGKIA:

- Chrysomphalus umboniferus* (Homoptera)

SECHIUM:

- Platynota rostrana* (Lepidoptera)

SEDUM:

- Microplax interrupta* (Hemiptera)

SIBIRAEA:

- Aleyrodes spiraeoides* (Homoptera)

SINNINGIA:

- Cylindronotus laevioctostriatus* (Coleoptera)

SOIL:

- Acrolepia assectella* (Lepidoptera)
Adela viridella (Lepidoptera)
Anomala orientalis (?) (Coleoptera)
Epicometis hirta (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Oryctonia jucunda (Coleoptera)
Pheidole megacephala (Hymenoptera)
Scolopostethus decoratus (Hemiptera)
Serica brunnea (Coleoptera)

SOLANUM ELAEAGNIFOLIUM:

- Zonosemata electa* (Diptera)

SOLANUM MELONGENA:

- Leucinodes orbonalis* (?) (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera)
Exptochiomeria albomaculatus (Hemiptera)

SORBUS:

- Lecanium coryli* (Homoptera)

SORGHUM:

- Pyrausta nubilalis* (Lepidoptera)

SPARTIUM:

- Sparteus villosus* (Coleoptera)

SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
Aspidiotus herculeanus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)

Hosts and insects—Continued

STANHOPEA:

Vinsonia stellifera (Homoptera)

STRELITZIA:

Iridomyrmex humilis (Hymenoptera)*Phenacaspis sandwicensis* (Homoptera)*Taeniothrips hawaiiensis* (Thysanoptera)

STROPHANTHUS:

Aspidiotus spiniger (Homoptera)

SWIETENIA:

Nasutitermes corniger (Isoptera)

THAMNOCHORTUS:

Iridomyrmex humilis (Hymenoptera)

TILLANDSIA:

Ligyrocoris nitidicollis (Hemiptera)

TODEA:

Ceroplastes rubens (Homoptera)

TRIFOLIUM:

Mamestra brassicae (Lepidoptera)*Megophthalmus scanicus* (Homoptera)*Thrips angusticeps* (Thysanoptera)

TRITONIA:

Iridomyrmex humilis (Hymenoptera)

TULIPA:

Rhopalosiphoninus tulipaellus (Homoptera)

VANDA:

Furcaspis biformis (Homoptera)*Nysius coenosulus* (Hemiptera)*Pachybrachius nietneri* (Hemiptera)*Pachybrachius nigriceps* (Hemiptera)*Parlatoria pseudaspidiotus* (Homoptera)

VANILLA:

Lepidosaphes punicae (Homoptera)*Vinsonia stellifera* (Homoptera)

VIBURNUM:

Frauenfeldiella jelinekii (Homoptera)

VICIA:

Apion pomonae (Coleoptera)*Bruchidius incarnatus* (Coleoptera)*Bruchidius quinqueguttatus* (Coleoptera)*Bruchus atomarius* (Coleoptera)*Bruchus azoricus* (Coleoptera)*Bruchus brachialis* (Coleoptera)*Bruchus dentipes* (Coleoptera)

VICIA—Continued

Bruchus ervi (Coleoptera)*Bruchus guttalis* (Coleoptera)*Bruchus hamatus* (Coleoptera)*Bruchus luteicornis* (Coleoptera)*Bruchus rufipes* (Coleoptera)*Bruchus signaticornis* (Coleoptera)*Bruchus tristiculus* (Coleoptera)*Bruchus tristis* (Coleoptera)*Bruchus ulicis* (Coleoptera)*Neodryocoetes caribaeus* (Coleoptera)*Spintherus leguminum* (Hymenoptera)

VINCENTIA:

Amorbia emigratella (Lepidoptera)

VITIS:

Carbula marginella (Hemiptera)*Cletus ochraceus* (Hemiptera)*Eurygaster maura* (Hemiptera)*Iridomyrmex humilis* (Hymenoptera)*Leptoglossus chilensis* (Hemiptera)*Parlatoria oleae* (Homoptera)*Phlyctinus callosus* (Coleoptera)*Polychrosis botrana* (Lepidoptera)*Stenoscelis hylastoides* (Coleoptera)

WISTERIA:

Myrmedobia tenella (Hemiptera)

XANTHIUM:

Camaromyia bullans (Diptera)

XYLOSMA:

Tetraleurodes fici (Homoptera)

ZANTEDESCHIA:

Thrips flavus (Thysanoptera)

ZEA:

Euxesta annonae (Diptera)*Exptochiomeria albomaculata* (Hemiptera)*Moodna bisinuella* (Lepidoptera)*Sesamia cretica* (Lepidoptera)

ZINGIBER:

Dinoderus bifoveolatus (Coleoptera)*Palaeopus costicollis* (Coleoptera)*Sybra alternans* (Coleoptera)

ZIZYPHUS:

Pseudaonidia trilobitiformis (Homoptera)*Host unknown*

AIRPLANE:

Colaspis inconspicua (Coleoptera)*Dacus dorsalis* (Diptera)*Disonycha militaris* (Coleoptera)*Hyalopopulus pellucidus* (Hemiptera)*Lema bilineata* (Coleoptera)*Melolontha melolontha* (Coleoptera)*Mimosestes dominicanus* (Coleoptera)*Mitrapsylla albolineata* (Homoptera)*Nysius coenosulus* (Hemiptera)*Nysius dallasi* (Hemiptera)*Nysius delectus* (Hemiptera)*Nysius terrestris* (Hemiptera)*Pantomorus godmani* (Coleoptera)*Perkinsiella saccharicida* (Homoptera)*Perkinsiella vastatrix* (Homoptera)*Sitona lineata* (Coleoptera)*Tubifera arborum* (Diptera)

AUTOMOBILE:

Jadera sanguinolenta (Hemiptera)

BAG CONTAINING GUAVAS AND SPOND-

IAS SPP.:

Anastrepha mombinpraeoptans (Diptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)

BEAN:

Acanthoscelides armitagei (Coleoptera)*Bruchus tristis* (Coleoptera)

BURLAP:

Brachyrhinus sulcatus (Coleoptera)

CARDBOARD CARTON:

Cryptotermes brevis (Isoptera)

CUTTING:

Furcaspis biformis (Homoptera)

FERN:

Ceroplastes rubens (Homoptera)*Furcaspis biformis* (Homoptera)

FLOWERS:

Haplothrips gowdeyi (Thysanoptera)*Pulvinaria tyleri* (Homoptera)*Thrips angusticeps* (Thysanoptera)

FOREST LITTER:

Sehirus biguttatus (Hemiptera)

GALLNUT:

Adleria gallae-tinctoriae (Hymenoptera)

GRAIN:

Dinoderus brevis (Coleoptera)

GRASS:

Bruchus luteicornis (Coleoptera)*"Targionia" sacchari* (Homoptera)

HERB:

Maruca testulalis (Lepidoptera)

LEAF:

Aleurotrachelus trachoides (Homoptera)*Aspidiotus palmae* (Homoptera)*Chrysomphalus sphaeroides* (Homoptera)*Dialeurodes citrifolii* (Homoptera)*Dialeuropora setigera* (Homoptera)*Fiorinia phantasma* (Homoptera)*Furcaspis biformis* (Homoptera)*Haplothrips gowdeyi* (Thysanoptera)*Tetraleurodes acaciae* (Homoptera)*Tetraleurodes ursorum* (Homoptera)

LEGUME:

Aspidiotus palmae (Homoptera)*Bruchus tristis* (Coleoptera)*Callosobruchus phaseoli* (Coleoptera)*Callosobruchus pulcher* (Coleoptera)*Tetraleurodes acaciae* (Homoptera)

MOSS AND SOIL PACKING:

Plinthisus brevipennis (Hemiptera)

PACKING:

Plinthisus minutissimus (Hemiptera)

Host unknown—Continued

PLANT:

Aleurocanthus woglumi (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Coccus viridis (Homoptera)
Diaprepes abbreviatus var. (Coleoptera)
Ferrisia virgata (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Ozineus prolixus (Coleoptera)
Sizeonotus luteiceps (Hemiptera)

PSEUDOBULB:

Furcaspis biformis (Homoptera)

REFRIGERATOR IN TRAILER:

Anastrepha ludens (Diptera)

RETURNED MILITARY EQUIPMENT

Achatina fulica (Mollusca)

SCRAP METAL:

Achatina fulica (Mollusca)

SPHAGNUM MOSS:

Rhyparochromus chiragra (Hemiptera)

SUITCASE SHAKEOUT:

Anastrepha mombinpraeoptans (Diptera)

WEED:

Pachyzancla periusalis (Lepidoptera)

WOOD:

Bostrychoplites cornutus (Coleoptera)
Callidium violaceum (Coleoptera)
Coptotermes formosanus (Isoptera)
Coptotermes niger (Isoptera)
Cryptotermes brevis (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Heterobostrychus brunneus (Coleoptera)
Kalotermes immigrans (Isoptera)
Neoclytus cacicus (Coleoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon cornigerum (Coleoptera)
Sinoxylon sexdentatum (Coleoptera)

WOODS MOSS:

Acanthoscelides armitagei (Coleoptera)
Chaetocnema concinna (Coleoptera)
Drymus assimilis (Hemiptera)
Galerucella lineola (Coleoptera)
Newsteadia floccosa (Homoptera)
Orthezia cataphracta (Homoptera)
Ortheziola vejdovskyi (Homoptera)

Countries of origin and insects

ALGERIA:

Ceratitis capitata
Parlatoria zizyphus

AMERICAN SAMOA:

Aspidiotus pangoensis

AMERICAN VIRGIN ISLANDS:

Acanthoscelides armitagei
Vinsonia stellifera

ANGOLA:

Stephanoderes hampei

ANTIGUA:

Cylas formicarius elegantulus
Monomorium destructor
Pectinophora gossypiella
Pinnaspis buxi

ARGENTINA:

Acrosternum armiger
Agalliana ensigera
Anthomyza cursor
Coccotrypes pygmaeus
Diabrotica speciosa
Limothrips cerealium
Parlatoria cinerea
Pheidole megacephala
Pseudaonidia trilobitiformis
Rhinacloa subpallicornis
Unaspis citri

ARUBA:

Fundella pellucens
Orthezia praelonga

AUSTRALIA:

Camaromyia bullans
Ceroplastes rubens
Lepidosaphes tuberculata
Pinnaspis buxi
Psylla uncata

AUSTRIA:

Anthonomus rectirostri

AUSTRIA (?):

Ceratitis capitata

AZORES:

Apion pomonae
Bruchus azoricus
Bruchus guttalis
Bruchus luteicornis
Bruchus tristis
Ceratitis capitata
Ceroplastes rusci
Iridomyrmex humilis
Laspeyresia splendana
Targionia bromiliae

BAHAMAS:

Aleurocanthus woglumi
Coccus viridis
Dialeurodes citrifolii
Gnorimoschema gudmannella
Morganella longispina

BARBADOS:

Cryptotermes brevis
Euscepes postfasciatus
Stephanoderes buscki
"Targionia" hartii

BATAVIA:

Parlatoria pseudaspidotus

BELGIAN CONGO:

Pseudaonidia trilobitiformis

BELGIUM:

Acanthoscelides armitagei
Cylindronotus laevioctostriatus
Gracilaria azaleella
Hylurgops palliatus
Lepidosaphes tuberculata
Pityogenes chalcographus
Sparteus villosus

BERMUDA:

Anuraphis helichrysi
Bradybaena similis
Diaprepes familiaris var.
Epinotia lantana (?)
Euxesta notata
Frankliniella cubensis
Frankliniella difficilis
Frankliniella insularis
Haplothrips gowdeyi
Iridomyrmex humilis
Kalotermes snyderi
Pheidole megacephala
Pseudococcus boninsis
Pulvinaria psidii
Rhinacloa subpallicornis

BRAZIL:

Anastrepha grandis
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus palmae
Asterolecanium epidendri
Ceratitis capitata
Chrysomphalus personatus
Coccotrypes pygmaeus
Coccus viridis
Dialeurodes platicus (?)
Dinoderus bifoveolatus
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Gymnandrosoma aurantianum
Heilipus parvulus
Iridomyrmex iniquus
Iridomyrmex leucomelas
Maruca testulalis
Mordellistena cattleyana
Neoleucinodes elegantalis
Oedotheza pogonocheroides

Countries of origin and insects—Continued

BRAZIL—Continued

Ozineus prolixus
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buxi
Platypus rugulosus
Pseudaonidia trilobitiformis
Stenoma catenifer
Stephanoderes hampei
Tenthecoris bicolor
Unaspis citri
Vinsonia stellifera

BRITISH COLUMBIA:

Aleyrodes spiraeoides
Sitona lineata

BRITISH GUIANA:

Ancylostomia stercorea
Euxesta annonae
Furcaspis biformis
Maruca testulalis

BRITISH WEST INDIES:

Acanthoscelides armitagei
Callosobruchus phaseoli
Coccus viridis
Unaspis citri
Vinsonia stellifera

BULGARIA:

Bruchus rufipes

CANADA:

Brachyrhinus ovatus
Gastrodes pacificus
Sitona lineata

CANAL ZONE:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans (?)
Ancylostomia stercorea
Aspidiotus destructor
Chrysomphalus tenax
Chrysomphalus umboniferus
Furcaspis biformis
Heterotermes convexinotatus
Leucaspis cockerelli
Parallelodiplosis cattleyae
Phelomerus aberrans
Pinnaspis buxi
Pseudischnaspis alienus
Pseudococcus probrevipes
Stenoma catenifer
Stephanoderes buscki
"Targionia" hartii
Tenthecoris distinguendus
Vinsonia stellifera

CANARY ISLANDS:

Ceratitis capitata

CANTON ISLAND:

Ferrisiana virgata

CHILE:

Iridomyrmex humilis
Lampetia equestris
Leptoglossus chilensis
Oedionychis decorata

CHINA:

Callosobruchus ademptus
Chilo simplex
Chionaspis elongata
Coptotermes formosanus
Parlatoria camelliae
Parlatoria zizyphi
Taeniothrips hawaiiensis

COLOMBIA:

Aleurocanthus woglumi
Aleurothrixus floccosus
Asterolecanium epidendri
Eurytoma orchidearum
Furcaspis biformis
Lincus rufospilotus
Metamasius sericeus var.
Mimosestes dominicanus
Paraleyrodes citricolus
Pseudaonidia tesserrata
Pseudoparlatoria ostreata
Stenoma catenifer
Tenthecoris venezuelensis

CORSICA (?):

Leucaspis signoreti

COSTA RICA:

Aleurocanthus woglumi
Amorbia emigratella (?)
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium epidendri
Chrysomphalus personatus
Chrysomphalus tingi
Chrysomphalus umboniferus
Fulvius brevicornis
Furcaspis biformis
Lepidosaphes tokionis
Metamasius sericeus
Platypus rugulosus
Pseudischnaspis alienus
Stenoma catenifer
Tetraleurodes ursorum

CUBA:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Asterolecanium epidendri
Aulacaspis tubercularis
Coccus viridis
Conchaspis angraeci
Crociosema plebeiana
Cylas formicarius elegantulus
Frankliniella cubensis
Genopaschia protomis (?)
Gnorimoschema gudmannella
Leucaspis indica
Maruca testulalis
Parallelodiplosis cattleyae
Parlatoria cinerea
Parlatoria crotonis
Pheidole megacephala
Platynota rostrana
Protopulvinaria pyrisformis
Pseudoparlatoria ostreata
Ribua innoxia
"Targionia" hartii
Vinsonia stellifera

CYPRUS:

Aleurolobus olivinus
Bruchus dentipes
Ceratitis capitata

CZECHOSLOVAKIA:

Ips typographus
Thrips angusticeps
Thrips flavus

DENMARK:

Brachyrhinus ovatus
Chaetocnema concinna
Chaetocnema hortensis
Drymus assimilis
Sparteus villosus
Taeniothrips atratus

DOMINICA:

Aulacaspis tubercularis
Vinsonia stellifera

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha striata
Aspidiotus herculeanus
Coccus viridis
Cylas formicarius elegantulus
Frankliniella insularis
Mimosestes dominicanus
Pectinophora gossypiella

ECUADOR:

Anastrepha striata (?)
Aspidiotus destructor
Metamasius sericeus
Metamasius sericeus var.
Stenoma catenifer

EGYPT:

Bruchidius incarnatus
Ceratitis capitata
Chilo simplex (?)
Cylas formicarius var.
Parlatoria zizyphi
Pectinophora gossypiella

Countries of origin and insects—Continued

ENGLAND:

Adrastus limbatus
Anuraphis helichrysi
Aspidiotus britannicus
Cacoecia pronubana
Chaetocnema hortensis
Drymus assimilis
Drymus brunneus
Drymus sylvaticus
Epidiaspis piricola
Evergestis forficalis
Hylesinus fraxini
Lampetia equestris
Laspeyresia splendana
Lecanium coryli
Leperisinus fraxini
Lepidosaphes tuberculata
Mamestra brassicae
Myzus ascalonicus
Newsteadia floccosa
Orthezia cataphracta
Orthochaetes setiger
Parlatoria oleae
Psylliodes chrysocephala
Rhopalosiphoninus tulipaellus
Tarsonemus laticeps
Thrips angusticeps

FINLAND:

Argyresthia conjugella
Callidium violaceum
Pogonocherus fasciculatus

FORMOSA:

Cylas formicarius var.

FRANCE:

Acanthoscelides spinipes
Acrolepia assectella
Adela viridella
Apion carduorum
Apion carduorum var.
Bruchidius aurivillii
Bruchus luteicornis
Bruchus tristiculus
Ceratitis capitata
Crioceris lilii
Epicometis hirta
Eumerus strigatus
Fulvius brevicornis
Gortyna flavago
Heterogaster urticae
Iridomyrmex humilis
Lampetia equestris
Laspeyresia splendana
Leucaspis signoreti
Mamestra brassicae
Niphona picticornis
Ortheziola vejdoskyi
Phalonia zephyrana
Pieris brassicae
Podagrica malvae
Pollinia pollini
Pyrausta nubilalis
Rhagoletis cerasi

FRENCH CAMEROONS:

Aspidiotus spiniger

FRENCH WEST AFRICA:

Ceratitis capitata (?)
Phalonia zephyrana

GALAPAGOS ISLANDS:

Chrysomphalus odontoglossi

GERMANY:

Anthonomus rectirostris
Bruchus lentis
Bruchus luteicornis
Callidium violaceum
Ceroplastes rusci
Chilo simplex
Coccus pseudohesteridum
Dicyphus errans
Ernobius abietis
Eurydema oleraceum
Hebrus pusillus
Hylurgops palliatus
Ips typographus
Laspeyresia strobilella
Phalonia zephyrana

GERMANY—Continued

Pityogenes bidentatus
Pityogenes chalcographus
Polygraphus poligraphus
Rhagoletis cerasi
Rhyparochromus chiragra
Spintherus leguminum
Taeniothrips atratus
Thrips angusticeps

GOLD COAST:

Bostrychoplites cornutus
Caryedon fuscus
Ceratitis anonae
Heterobostrychus aequalis
Heterobostrychus brunneus
Oxycarenum hyalinipennis
Pectinophora gossypiella

GREECE:

Acanthoscelides spinipes
Bruchus tristiculus
Bruchus tristis
Ceroplastes rusci
Cryptoblabes gnidiella
Dacus oleae
Eurygaster maura
Eurytoma cynipsea
Frauenfeldiella jelinekii
Haplothrips cottei
Laspeyresia splendana
Lepidosaphes ficus
Leucaspis riccae
Parlatoria oleae
Rhagoletis cerasi (?)
Siphoninus phyllireae
Stephanitis pyri

GUAM:

Achatina fulica
Aonidiella inornata
Ceroplastes rubens
Dacus dorsalis
Furcaspis biformis
"Lepidosaphes" esakii
Lepidosaphes punicae
Odonaspis greeni
Parlatoria pseudaspidiotus
Pseudococcus palmarum
"Targionia" sacchari

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Astyochus setiger
Chrysomphalus personatus
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus pseudohesteridum
Colaspis inconspicua
Conotrachelus perseae
Cryphula apicatus
Dione moneta poeyii
Disonychia militaris
Exptochiomeria albomaculata
Ferrisiana virgata
Iridomyrmex iniquus
Nasutitermes nigriceps
Neoclytus cacticus
Ogdoecosta biannularis
Platypus rugulosus
Pseudischnaspis alienus
Pseudoparlatoria ostreata
Tetraleurodes acaciae

HAITI:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Anuraphis helichrysi
Aspidiotus destructor
Cylas formicarius var.
Frankliniella insularis
Haplothrips gowdeyi
"Targionia" sacchari

HAWAII:

Adoretus sinicus
Amorbia emigratella
Araecerus vieillardii
Aspidiotus herculeanus

Countries of origin and insects—Continued

HAWAII—Continued

Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Coccus viridis
Coptotermes formosanus
Coptotermes niger
Cryptophlebia illepidia
Cryptorhynchus mangiferae
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Elytroteinus subtruncatus
Ereunetis flavistriata
Eucalymnatus tessellatus
Euscepes postfasciatus
Furcaspis biformis
Haplothrips gowdeyi
Hyalopoplus pellucidus
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Nysius coenosulus
Nysius dallasi
Nysius delectus
Nysius terrestris
Oxydema longulum
Parlatoria crotonis
Parlatoria pseudaspidotus
Pectinophora gossypiella
Perkinsiella saccharicida
Phenacaspis sandwicensis
Pinnaspis buxi
Pinnaspis uniloba
Pseudococcus palmarum
Pulvinaria psidii
Sinoxylon cornigerum
Sybra alternans
Syricta oceanica
Taeniothrips hawaiiensis
Tubifera arvorum
Xystrocera globosa

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus spinosus
Chrysomphalus umboniferus
Conotrachelus perseae
Leucaspis cockerelli
Metamasius sericeus var.
Mimosestes sallaei
Nasutitermes corniger
Pheidole megacephala
Phelomerus aberrans
Stenomoma catenifer
"Targionia" sacchari
Vinsonia stellifera

INDIA:

Bruchus emarginatus
Callosobruchus ademptus
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus pinnulifera
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dacus cucurbitae (?)
Dinoderus brevis
Ferrisiana virgata
Heterobostrychus aequalis
Lepidosaphes tuberculata
Leucinodes orbonalis (?)
Oxycarenus laetus
Parlatoria morrisoni
Pectinophora gossypiella
Sinoxylon anale
Sinoxylon conigerium

INDIA (?):

Stenygrinum quadrinotatum

IRELAND:

Aphis grossulariae (?)
Bruchus ervi
Bruchus lentis
Mamestra brassicae

IRELAND—Continued

Megophthalmus scanicus
Orthezia cataphracta
Thrips angustatus

ISRAEL:

Ceratitis capitata
Cryptoblabes gnidiella
Leucaspis loewi

ITALY:

Acanthoscelides spinipes
Aglossa cuprealis
Aleurolobus olivinus
Anuraphis cynariella
Anuraphis helichrysi
Apion carduorum (?)
Aspidiotus britannicus
Aspidiotus spinosus
Aspidiotus zonatus
Brachycerus albidentatus
Brachycerus algerus
Bruchidius gilvus
Bruchidius lividimonus var.
Bruchus ervi
Bruchus guttalis
Bruchus lentis
Bruchus luteicornis
Bruchus rufipes
Bruchus signaticornis
Bruchus tristiculus
Bruchus tristis
Bruchus ulicis
Capitophorus avellanae (?)
Ceratitis capitata
Ceroplastes rusci
Chrysolina americana
Cryptoblabes gnidiella
Dacus oleae
Dizygomyza flavifrons
Dyspessa ulula
Epidiaspis piricola
Eucalymnatus tessellatus
Evergestis forficalis
Exosoma lusitanica
Hemimene juliana
Homotoma ficus
Iphiclides podalirius
Iridomyrmex humilis
Lampetia equestris
Laspeyresia splendana
Lepidosaphes ficus
Lepidosaphes newsteadi
Leucaspis loewi
Mamestra brassica
Megastigmus suspectus
Microplax interrupta
Myelois ceratoniae
Parlatoria oleae
Parlatoria zizyphus
Penichora fasciata
Phalonia zephyrana
Phloeotribus scarabaeoides
Phyllotreta atra
Phyllotreta cruciferae
Pieris brassicae
Plinthisus brevipennis
Plinthisus minutissimus
Prays oleellus
Psylliodes chrysocephala
Ptosima umdecimmaculata
Pyrausta nubilalis
Pyrrhocoris apterus
Rhagoletis cerasi
Sesamia cretica
Sesamia vutera
Sparteus villosus
Stephanitis pyri
Thrips angusticeps
Trialeurodes lauri

JAMAICA:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Asterolecanium epidendri
Chrysomphalus odontoglossi
Chrysomphalus tenax

Countries of origin and insects—Continued

JAMAICA—Continued

Coccus viridis
Dinoderus bifoveolatus
Palaeopus costicollis
Unaspis citri
Vinsonia stellifera

JAPAN:

Acronicta tridens
Anomala orientalis (?)
Antonina sasae
Aonidiella citrina
Aspidiotus cryptomeriae
Callidium rufipenne
Callosobruchus ademptus
Callosobruchus pulcher
Ceroplastes rubens
Chilo simplex
Dialeurodes citri
Dinoderus bifoveolatus
Dinoderus brevis
Laspeyresia splendana
Lepidosaphes chinensis
Lepidosaphes conchiformis
Lepidosaphes japonica
Lepidosaphes newsteadi
Lepidosaphes pallida
Oryctonia jucunda
Parlatoria camelliae
Parlatoria theae
Pectinophora gossypiella
Phenacaspis aucubae
Phenacoccus azaleae
"Poliaspis" pini
Pseudococcus pini
Reticulitermes speratus
Rhiobia praeceps
Unaspis euonymi
Unaspis yanonensis
Vesiculaphis caracis

KOREA:

Callosobruchus ademptus
Carposina sasakii
Gelasma uliturala
Lepidosaphes conchiformis

KWAJALEIN:

Furcaspis oceanica
Pseudococcus pandani

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Ceratitis capitata (?)
Chrysomphalus inopinatus
Dacus oleae
Myiopardalis pardalina
Parlatoria oleae
Pectinophora gossypiella
Polychrosis botrana

MADEIRA ISLANDS:

Anuraphis helichrysi
Ceratitis capitata
Cryptoblabes gnidiella
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes tuberculata
Phenacoccus madeirensis

MALAYSIA:

Cylas formicarius var.

MALTA:

Ceratitis capitata

MARTINIQUE:

Chrysomphalus personatus

MEXICO:

Acroleucus vicinalis
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroparadoxus ilicicola
Aleuroplatus ilicis
Aleurothrixus floccosus
Aleurothrixus myrtacei
Alpheias conspirata
Amorbia emigratella
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina (?)

MEXICO—Continued

Anastrepha striata
Antilocoris punctatus
Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium pustulans
Attagenus gloriosae
Automeris randa
Brochymena aculeata
Calligrapha argus
Calligrapha diversa
Capaneus tetricus
Chalcolepidius approximatus
Chelysoma variabilis
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus sphaeroides
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccotrypes pygmaeus
Conchaspis angraeci
Conotrachelus aguacatae
Conotrachelus perseae
Copaxa lavendera
Corimelaena elegans
Cossonus canaliculatus
Crepidodera asphaltina (?)
Crophius scabrosus
Ctenochira cumulata
Cylas formicarius elegantulus
Dialeurodes citri
Dialeurodes citrifolii
Diaspis miranda
Diatraea magnifactella
Diorymerellus laevimargo
Disonycha antennata
Dysdercus mimulus
Emesopsis nubilus
Epicaerus cognatus
Epinotia opposita
Eucalymnatus tessellatus
Eumysia stigmella
Everes comyntas
Evergestis rimosalis
Exptochiomera albomaculata
Exptochiomera oblonga
Ferrisiana virgata
Furcaspis bififormis
Gerstaeckeria mutillaria
Gnorimoschema gudmannella
Grapholitha packardi
Icerya littoralis
Ips interstitialis
Iridomyrmex humilis
Jadera sanguinolenta
Kleidocerys godmani
Lepidosaphes philococcus
Lepidosaphes tokionis
Lichtensia lutea
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris nitidicollis
Lineodes integra
Loxostege helvialis
Loxostege similalis
Lygaeus circumplicatus
Lygaeus consanguinitus
Lygaeus teapensis
Lygaeus vittiscutis
Macropygium reticulare
Mimosestes dominicanus
MitrapSYlla albolineata
Moodna bisinuella
Mordellistena cattleyana
Myelobia smerintha
Myzaphis bucktoni (?)
Neoleucinodes elegantalis
Neoleucon horribilis
Ogdoecosta biannularis
Ozophora consanguineus
Pachyzancla bipunctalis
Pantomorus godmani

Countries of origin and insects—Continued

MEXICO—Continued

Paraleyrodes citricolus
Paraleyrodes goyabae (?)
Parlatoria camelliae
Parlatoria cinerea
Pectinophora gossypiella
Phatnoma annulipes concisa
Physonota disjuncta
Physorhinus distigma
Plagiodera semivittata
Plagiodera thymaloides
Platynota rostrana
Platypus rugulosus
Platysaissetia castilloae
Pseudischinaspis alienus
Pseudoparlatoria serratulae
Pulvinaria psidii
Puto mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalophora incrustata
Sisamnes contractus
Sixeonotus luteiceps
Stenoma anonella
Stenoma catenifer
Stephanoderes lecontei
Talponia batesi
Tanymecus confusus
 "Targionia" bromiliae
 "Targionia" sacchari
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tetraleurodes acaciae
Tetraleurodes fici
Tetraleurodes quadratus
Tetraleurodes ursorum
Thrips flavus
Toxotrypana curvicauda
Trialeurodes multipori
Trialeurodes oblongifoliae
Trialeurodes vitrinellus
Unaspis citri
Valtissus diversus
Xylobiops texanus
Zonosemata electa

MIDWAY ISLAND:

Nysius terrestris

MONTSERRAT:

Callosobruchus phaseoli

MOROCCO:

Lampetia equestris

NETHERLANDS:

Acrolepia assectella
Allantus cinctus
Anuraphis helichrysi
Brachyrhinus sulcatus
Bruchus atomarius
Capitophorus chrysanthemi
Dialeurodes chittendeni
Gracilaria azaleella
Ips combrae
Lampetia equestris
Macrosiphoniella oblonga
Mamestra brassicae
Myzus ascalonicus
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis alternata (?)
Rhopalosiphoninus tulipaellus
Scolopostethus decoratus
Serica brunnea
Tarsonemus laticeps
Thrips angusticeps
Trionymus peregrinus
Trioza urticae

NETHERLANDS EAST INDIES:

Lepidosaphes tokionis

Stephanoderes hampei

NETHERLANDS WEST INDIES:

Mimosestes dominicanus

NEVIS:

"Targionia" hartii

NEW ZEALAND:

Parlatoria camelliae

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Chrysomphalus scutiformis
Neoclytus cacticus
Stenoma catenifer
Tetraleurodes acaciae

NIGERIA:

"Chionaspis" funtumiae
 "Targionia" sacchari

NORTHERN IRELAND:

Thrips angusticeps

NORWAY:

Argyresthia conjugella
Drymus brunneus
Galerucella lineola
Leucaspis loewi
Pityogenes chalcographus
Tetropium fuscum
Thrips angusticeps

PAKISTAN:

Cryptorhynchus mangiferae

PALAU ISLAND:

Achatina fulica

PANAMA:

Acanthoscelides armitagei
Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium pustulans
Ferrisiana virgata
Furcaspis bififormis
Heterotermes tenuis
Kalotermes immigrans
Lepidosaphes tokionis
Leucaspis cockerelli
Metamasius sericeus
Pinnaspis buxi
Pseudaonidia tesserata
Stenoma anonella
Stenoma catenifer

PERU:

Anastrepha serpentina
Epinotia opposita
Stenoma catenifer

PHILIPPINES:

Aonidiella inornata
Aspidiotus coryphae
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus excisus
Aspidiotus palmae
Aspidiotus spinosus
Callosobruchus phaseoli
Callosobruchus pulcher
Coccus viridis
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis (?)
Dialeuropora setigera
Dinoderus brevis
Ferrisiana virgata
Fiorinia phantasma
Lepidosaphes tokionis
Monomorium destructor
Pachybrachius nietneri
Pantomorus godmani
Parlatoria pseudaspidotus
Parlatoria zizyphus
Pectinophora gossypiella
Prays endocarpa
Pseudococcus palmarum
Pulvinaria tyleri
Trionymus sacchari

PHILIPPINES (?):

Dialeurodes citri

POLAND:

Bruchus luteicornis
Pityogenes bidentatus

PORTUGAL:

Aglossa cuprealis
Bruchus luteicornis
Bruchus tristiculus
Bruchus tristis

Countries of origin and insects—Continued

PORTUGAL—Continued

Caryedon fuscus
Ceratitis capitata
Dacus oleae
Hypera fasciculata
Iridomyrmex humilis
Laspeyresia splendana
Orthotomicus erosus
Orthotomicus laticis
Pieris brassicae
Sinoxylon serdentatum

PUERTO RICO:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercorea
Aspidiotus herculeanus
Brachyacma palpigera
Coccus viridis
Cryptotermes brevis
Cylas formicarius elegantulus
Diaprepes abbreviatus var.
Euscepes postfasciatus
Frankliniella insularis
Fundella pellucens
Furcaspis biformis
Gnorimoschema gudmannella
Lechriops psidii
Maruca testulalis
Morganella longispina
Pachyzancla bipunctalis
Pachyzancla periusalis
Pectinophora gossypiella
Platynota rostrana
Protopulvinaria longivalvata
Sphenarches caffer
Stephanoderes depressus
"Targionia" sacchari
Unaspis citri
Vinsonia stellifera

RHODESIA:

Asterolecanium stentae

ST. KITTS:

Pheidole megacephala
"Targionia" hartii

ST. LUCIA:

Acanthoscelides armitagei

ST. VINCENT:

Callosobruchus phaseoli

SAIPAN:

Achatina fulica
Aspidiotus palmarum

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aulacaspis tubercularis
Chrysomphalus scutiformis
Cosmopolites sordidus
Ferrisia virgata
Stenomacrus catenifer

SAUDI ARABIA:

Dacus oleae
Parlatoria morrisoni
Parlatoria zizyphus

SCOTLAND:

Acalypta parvula
Gelechia ericetella
Lochmaea suturalis
Micrelus ericae
Orthezia cataphracta
Taeniothrips atratus
Taeniothrips ericae
Ulopa reticulata

SIAM:

Nephotettix apicalis
Pachybrachius nigriceps
Parlatoria pseudaspidotus
Pectinophora gossypiella

SIAM (?):

Dialeurodes kirkaldyi

SOUTH AMERICA:

Stephanoderes hampei

SOUTH PACIFIC:

Perkinsiella vastatrix

SPAIN:

Bruchus signaticornis
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Epidiaspis piricola
Laspeyresia splendana
Parlatoria cinerea
Parlatoria oleae
Rhagoletis cerasi

STRAITS SETTLEMENTS:

Cylas formicarius var.

SWEDEN:

Anuraphis helichrysi
Argyresthia conjugella
Callidium violaceum
Epidiaspis piricola
Lamptia equestris
Pityogenes chalcographus
Plagiognathus arbustorum
Rhagoletis cerasi (?)
Sehirus biguttatus
Serica brunnea (?)
Taeniothrips atratus
Thrips angusticeps

SWITZERLAND:

Laspeyresia splendana
Myrmedobia tenella
Psylla rhododendri
Pyrausta nubilalis
Rhagoletis cerasi

SYRIA:

Adleria gallae-tinctoriae
Aleurolobus olivinus
Bruchidius quinqueguttatus
Bruchus dentipes
Bruchus ervi
Bruchus rufipes
Bruchus ulicis
Ceratitis capitata
Chrysomphalus inopinatus
Dacus oleae
Dialeurodes kirkaldyi
Hypoborus ficus
Megastigmus pistaciae
Pectinophora gossypiella

TAHITI:

Cylas formicarius var.
Euscepes postfasciatus

TRANSVAAL:

"Chionaspis" exalbida

TRINIDAD:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha striata (?)
Aspidiotus excisus
Coccus viridis
Conchaspis angraeci
Dercynus micronyx
Eurytoma orchidearum
Furcaspis biformis
Gymnandrosoma aurantianum
Mimosestes dominicanus
Neodryocoetes caribaeus
Parlatoria pseudaspidotus
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis
Pulvinaria psidii
Vinsonia stellifera

TRIPOLI:

Dacus oleae

TUNISIA:

Aspidiotus zonatus
Epicometis hirta

TURKEY:

Acanthoscelides spinipes
Bruchidius quinqueguttatus
Bruchus brachialis
Bruchus dentipes
Bruchus ervi
Bruchus hamatus

Countries of origin and insects—Continued

TURKEY—Continued

Bruchus rufipes
Bruchus tristis
Bruchus ulicis
Ceratitis capitata
Eurytoma onobrychidis

UNION OF SOUTH AFRICA:

Antestia variegata lineaticollis
Argyroploce leucotreta
Carbula marginella
Cletus ochraceus
Haplothrips bagnalli
Homothrips distinctus
Iridomyrmex humilis
Paromius gracilis
Phlyctinus callosus
Stenoscelis hylastoides

UNKNOWN:

Ceratitis capitata
Ceutorhynchus assimilis
Chrysomphalus pinnulifera
Cryptoblabes gnidiella
Cryptorhynchus mangiferae
Haplothrips cottei
Lema bilineata
Melolontha melolontha
Pseudaonidia trilobitiformis
Rhagoletis alternata
Selenothrips rubrocinctus
Stenoma catenifer
Thrips flavus

VENEZUELA:

Anastrepha mombinpraeoptans
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Conchaspis angraeci
Cryptotermes brevis
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Ferrisiana virgata
Furcaspis biformis
Maruca testulalis
Neoclytus cacicus
Pectinophora gossypiella
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudischnaspis alienus
Tenthecoris venezuelensis
Vinsonia stellifera

VIRGIN ISLANDS

Anastrepha mombinpraeoptans (?)
Ceroplastes denudatus
Euscepes postfasciatus
Pectinophora gossypiella

WEST INDIES:

Euscepes postfasciatus
Pulvinaria urbicola

YUGOSLAVIA:

Myelois ceratoniae

List of pests (diseases) collected and reported from July 1, 1949, to
 June 30, 1950, inclusive

[An asterisk indicates State inspection]

| Disease and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|----------------------------|-----------------------------|----------|------------------|--------------------|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Alternaria citri</i> Ell. & Pierce: | | | | | |
| <i>Citrus limon</i> (lemon) | Italy, Lebanon | | 1 | 1 | Pa., Va. |
| <i>Citrus sinensis</i> (orange) | Australia | | 1 | | Calif.* |
| <i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: | | | | | |
| <i>Dianthus</i> sp. (carnation) | France, Japan, Peru | 3 | | 1 | N. Y., Tex., Wash. |
| <i>Alternaria porri</i> (Ell.) Cif.: | | | | | |
| <i>Allium cepa</i> (onion) | Mexico | 1 | | | Tex. |
| <i>Aphanomyces raphani</i> Kendr.: | | | | | |
| <i>Raphanus sativus</i> (radish) | do | 4 | | | Tex. |
| <i>Aphelenchoides ribes</i> (Taylor) Goodey (?): | | | | | |
| Soil with lavender plant | England | | | 1 | N. Y. |
| <i>Aphelenchoides subtenuis</i> Cobb: | | | | | |
| <i>Iris orchoides</i> (orchid iris) | Netherlands | | | 1 | N. J. |
| <i>Narcissus</i> sp. | Italy | | | 1 | N. J. |
| <i>Aphelenchus agricola</i> De Man: | | | | | |
| Soil with carnation plant | do | | | 1 | N. Y. |
| <i>Aphelenchus avenae</i> Bastian: | | | | | |
| Soil with carnation cutting | do | | | 1 | N. Y. |
| Soil with dahlia tubers | Poland | | | 1 | N. Y. |
| Soil with herbaceous perennials | Germany | | | 1 | N. J. |
| Soil with potted origanum plant | Turkey | | 1 | | Pa. |
| <i>Arthrobotrys superba</i> Cda.: | | | | | |
| <i>Medicago</i> sp. | Canada | | | 1 | N. J. |
| <i>Ascochyta citri</i> Penz. (?): | | | | | |
| <i>Citrus limon</i> (lemon) | Italy | 1 | | | Pa. |
| <i>Citrus sinensis</i> (orange) | Fiji Islands | | 1 | | Hawaii. |
| <i>Ascochyta pisi</i> Lib.: | | | | | |
| <i>Pisum sativum</i> (pea) | Azores, Mexico, Peru | 6 | 2 | | N. Y., Tex. |
| <i>Vicia faba</i> (broadbean) | Italy | | 1 | | N. Y. |
| <i>Botryosphaeria ribis</i> (Fr.) Gross. & Dugg.: | | | | | |
| <i>Salix</i> sp. (willow) | Argentina | | | 1 | N. Y. |

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

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| Disease and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|---|-----------------------------|----------|-------------|---|
| | | Consumption | Nonentry | Propagation | |
| <i>Botrytis elliptica</i> (Berk.) Cke.: | | | | | |
| <i>Lilium auratum</i> (goldband lily)----- | Japan----- | 1 | | 3 | Calif.* |
| <i>Lilium giganteum</i> (giant lily)----- | do----- | | | 1 | Calif.* |
| <i>Lilium japonicum</i> (Japanese lily)----- | do----- | | | 1 | Calif.* |
| <i>Lilium rubellum</i> (rubellum lily)----- | do----- | | | 1 | Calif.* |
| <i>Lilium speciosum rubrum</i> (pink speciosum lily).----- | do----- | | | 8 | Calif.* |
| <i>Lilium</i> sp----- | China, Japan----- | | | 7 | Calif.* |
| <i>Botrytis galanthina</i> (Berk. & Br.) Sacc.: | | | | | |
| <i>Galanthus nivalis plenus</i> ----- | Netherlands----- | | | 1 | N. J. |
| <i>Galanthus</i> sp----- | Netherlands, Turkey----- | | | 23 | Calif.*, Mich., Ohio, N. J., N. Y. |
| <i>Botrytis gladiolorum</i> Timmermans: | | | | | |
| <i>Gladiolus</i> sp----- | Mexico----- | 1 | | | Tex. |
| Camellia yellow-spot virus: | | | | | |
| <i>Camellia japonica</i> (camellia)----- | Italy----- | | | 1 | N. J. |
| <i>Camillea sagraena</i> (Mont.) Berk. & Curt.: | | | | | |
| <i>Laelia</i> sp. (orchid)----- | Panama----- | | | 1 | Pa. |
| Cancrosis "B": | | | | | |
| <i>Citrus limon</i> (lemon)----- | Argentina----- | | 4 | | Md., Mass., N. Y., Tex. |
| <i>Cercospora bolleana</i> (Thuem.) Speg. | | | | | |
| <i>Ficus carica</i> (fig)----- | Mexico----- | | | 1 | Tex. |
| <i>Cercospora capparis</i> Sacc.: | | | | | |
| <i>Capparis spinosa</i> (?) (caper)----- | Yugoslavia----- | 1 | | | N. Y. |
| <i>Cercospora codiae</i> Frag. & Cif.: | | | | | |
| <i>Codiaeum</i> sp. (croton)----- | Mexico----- | | | 1 | Tex. |
| <i>Cercospora coffeicola</i> Berk. & Cke.: | | | | | |
| <i>Coffea</i> sp. (coffee)----- | Brazil, British West Indies----- | 1 | 1 | | Ala., Tex. |
| <i>Cercospora fraxinites</i> Ell. & Ev.: | | | | | |
| <i>Fraxinus berlandieriana</i> (berlandier ash)----- | Mexico----- | 1 | | | Tex. |
| <i>Fraxinus</i> sp. (ash)----- | do----- | 1 | | | Tex. |
| <i>Cercospora gossypina</i> Cke.: | | | | | |
| <i>Gossypium</i> sp. (cotton)----- | do----- | 1 | | | Tex. |
| <i>Cercospora handelii</i> Bub.: | | | | | |
| <i>Rhododendron indicum</i> (indica azalea)----- | Belgium----- | | | 1 | N. J. |
| <i>Rhododendron</i> sp----- | Belgium, Netherlands----- | | | 9 | N. J. |
| <i>Cercospora insulana</i> (Sacc.) Chupp: | | | | | |
| <i>Armeria</i> sp. (statice)----- | Mexico----- | 1 | | | Tex. |
| <i>Cercospora lythracearum</i> Heald & Wolf: | | | | | |
| <i>Punica granatum</i> (pomegranate)----- | Mexico, Puerto Rico----- | 5 | | | N. Y., Tex. |
| <i>Cercospora musae</i> Zimm.: | | | | | |
| <i>Musa paradisiaca sapientum</i> (banana)----- | Brazil, Canal Zone, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Grenada, Guatemala, Haiti, Honduras, India, Martinique, Mexico, Panama.----- | 173 | 4 | | Calif.*, La., Md., Mass., N. Y., Pa., S. C., Tex. |
| <i>Cercospora neriella</i> Sacc.: | | | | | |
| <i>Nerium oleander</i> (oleander)----- | Bermuda----- | 3 | | | N. Y. |
| <i>Cercospora oryzae</i> Miyake: | | | | | |
| <i>Oryza sativa</i> (rice)----- | Mexico----- | 2 | | | Tex. |
| <i>Cercospora physalicola</i> Ell. & Barth.: | | | | | |
| <i>Physalis</i> sp. (husk tomato)----- | do----- | 1 | | | Tex. |
| <i>Cercospora pini-densiflorae</i> Hori & Nambu: | | | | | |
| <i>Pinus massoniana</i> (Masson pine)----- | China----- | | | 2 | Calif.*, Hawaii |
| <i>Cercospora ricinella</i> Sacc. & Berl.: | | | | | |
| <i>Ricinus communis</i> (castor-bean)----- | Mexico----- | 1 | | | Tex. |
| <i>Cercospora sorghi</i> Ell. & Ev.: | | | | | |
| <i>Sorghum halepense</i> (Johnson grass)----- | do----- | 1 | | | Tex. |
| <i>Cercospora violae</i> Sacc.: | | | | | |
| <i>Viola tricolor</i> (pansy)----- | Italy----- | 1 | | | N. Y. |
| <i>Chaetomium elatum</i> G. Kunze & Schm.: | | | | | |
| <i>Oryza sativa</i> (rice)----- | Mexico----- | 1 | | | Tex. |

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|--|---------------------------------------|-----------------------------|----------|-------------|----------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Chlamydomyces palmarum</i> (Cke.) Mason: <i>Colocasia esculenta</i> (dasheen)----- | China----- | 1 | ----- | ----- | Calif.* |
| <i>Chrysomyxa rhododendri</i> (DC.) D By.: <i>Rhododendron ferrugineum</i> ----- | Austria, Germany, Switzerland----- | 3 | ----- | 2 | Mass., N. Y. |
| <i>Rhododendron</i> sp----- | Austria, Switzerland----- | ----- | ----- | 2 | N. J. |
| <i>Colletotrichum agaves</i> Cav.: <i>Agave americana</i> (century plant)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Colletotrichum cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea)----- | Puerto Rico----- | 10 | ----- | ----- | N. Y., P. R. |
| <i>Colletotrichum cinctum</i> (Berk. & Curt.) Ston.: <i>Cymbidium</i> sp. (orchid)----- | England----- | ----- | ----- | 1 | Hawaii. |
| Orchid----- | Mexico----- | ----- | ----- | 1 | Ariz. |
| <i>Colletotrichum falcatum</i> Went: <i>Saccharum officinarum</i> (sugarcane)----- | Haiti, Mexico----- | 2 | ----- | ----- | Fla.*, Tex. |
| <i>Sorghum halepense</i> (Johnson grass)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils: Grass----- | do----- | 1 | ----- | ----- | Tex. |
| <i>Sorghum vulgare</i> (sorghum)----- | China----- | ----- | ----- | 1 | D. C. |
| <i>Sorghum vulgare technicum</i> (broomcorn)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Colletotrichum lilacearum</i> (Schw.) Ferr.: <i>Iris</i> sp----- | England----- | ----- | ----- | 1 | Calif.* |
| <i>Colletotrichum lilii</i> Plakidas: <i>Lilium auratum</i> (goldband lily)----- | Japan----- | 1 | ----- | 19 | Calif.*, Wash. |
| <i>Lilium candidum</i> (Madonna lily)----- | Netherlands----- | ----- | ----- | 1 | N. Y. |
| <i>Lilium giganteum</i> (giant lily)----- | Japan----- | ----- | ----- | 3 | Calif.*, Wash. |
| <i>Lilium japonicum</i> (Japanese lily)----- | do----- | ----- | ----- | 4 | Calif.*, Wash. |
| <i>Lilium longiflorum</i> (Easter lily)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Lilium philippinense</i> (Philippine lily)----- | Japan----- | ----- | ----- | 1 | Wash. |
| <i>Lilium rubellum</i> (rubellum lily)----- | do----- | ----- | ----- | 1 | Calif.* |
| <i>Lilium speciosum rubrum</i> (pink speciosum lily).----- | do----- | ----- | ----- | 28 | Calif.*, Wash. |
| <i>Lilium tigrinum</i> (tiger lily)----- | do----- | ----- | ----- | 5 | Calif.*, Wash. |
| <i>Lilium</i> sp----- | China, Japan----- | 1 | ----- | 11 | Calif.*, Wash. |
| <i>Colletotrichum omnivorum</i> Halst.: <i>Aspidistra</i> sp----- | Belgium----- | ----- | ----- | 1 | N. J. |
| <i>Colletotrichum pisi</i> Pat.: <i>Pisum sativum</i> (pea)----- | Mexico----- | 4 | ----- | ----- | Tex. |
| <i>Coniosporium shiraianum</i> (Syd.) Bub.: Bamboo----- | Japan----- | ----- | ----- | 1 | Wash. |
| <i>Coniothyrium hellebori</i> Cke. & Mass.: <i>Helleborus niger</i> (Christmas-rose)----- | Netherlands----- | ----- | ----- | 1 | N. J. |
| <i>Helleborus</i> sp----- | England----- | ----- | ----- | 1 | Wash. |
| <i>Coryneum beijerinckii</i> Oud.: <i>Prunus armeniaca</i> (apricot)----- | Austria----- | 1 | ----- | ----- | N. Y. |
| <i>Prunus persica</i> (peach)----- | Italy, Mexico----- | 3 | ----- | ----- | N. Y., Tex. |
| <i>Coryneum microstictum</i> Berk. & Br.: <i>Rosa</i> sp----- | Netherlands----- | ----- | ----- | 1 | Wash. |
| <i>Vitis</i> sp. (grape)----- | Scotland----- | ----- | ----- | 1 | N. J. |
| <i>Cronartium ribicola</i> Alek. Fisch. <i>Ribes</i> sp. (red currant)----- | Denmark----- | ----- | ----- | 1 | N. Y. |
| <i>Cryptospora longispora</i> Servazzi (?): <i>Cocos nucifera</i> (coconut)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Curvularia lunata</i> (Wakk.) Boed.: <i>Allium cepa</i> (onion)----- | do----- | 1 | ----- | ----- | Tex. |
| <i>Ananas comosus</i> (pineapple)----- | do----- | 1 | ----- | ----- | Tex. |
| <i>Gladiolus</i> sp----- | French Guinea, Mexico----- | 1 | ----- | 1 | D. C., Tex. |
| <i>Cycloconium oleaginum</i> Cast.: <i>Olea europaea</i> (olive)----- | Italy----- | 1 | ----- | ----- | N. Y. |
| <i>Cytospora punica</i> Sacc. (?): <i>Punica granatum</i> (pomegranate)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Diaporthe eres</i> Nits.: <i>Malus sylvestris</i> (apple)----- | Sweden----- | ----- | 1 | ----- | Pa. |
| <i>Diplocarpon earliana</i> (Ell. & Ev.) Wolf: <i>Fragaria</i> sp. (strawberry)----- | Norway----- | ----- | ----- | 1 | N. Y. |
| <i>Diplodia castaneae</i> Sacc.: <i>Castanea</i> sp. (chestnut)----- | Italy----- | 1 | ----- | ----- | Tex. |
| <i>Diplodia epicocos</i> Cke.: <i>Cocos nucifera</i> (coconut)----- | Mexico----- | 2 | 1 | ----- | Tex. |

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| <i>Diplodia theobromae</i> (Pat.) Nowell: | | | | | |
| <i>Achras zapota</i> (sapodilla)..... | Puerto Rico..... | 1 | | | P. R. |
| <i>Allium cepa</i> (onion)..... | Mexico..... | 1 | | | Tex. |
| <i>Ananas comosus</i> (pineapple)..... | do..... | 2 | | | Tex. |
| <i>Areca cathecu</i> (betel palm)..... | Philippines..... | 1 | | | Hawaii. |
| <i>Citrus limon</i> (lemon)..... | Italy..... | 1 | | | N. Y. |
| <i>Dendrobium phalaenopsis</i> (orchid)..... | Australia..... | | | 1 | Calif.* |
| <i>Manihot esculenta</i> (cassava)..... | Philippines..... | | | 1 | Calif.* |
| <i>Nymphaea</i> sp. (waterlily)..... | Cuba..... | 1 | | | N. Y. |
| Orchid..... | Mexico..... | | | 2 | Tex. |
| <i>Theobroma cacao</i> (cacao)..... | Dominican Republic..... | 1 | | | N. Y. |
| <i>Diplodiella oryzae</i> Miyake: | | | | | |
| <i>Oryza sativa</i> (rice)..... | China..... | 1 | | | Wash. |
| <i>Diplodina rostrupii</i> Vest.: | | | | | |
| <i>Andromeda</i> sp..... | Netherlands..... | | | 1 | N. J. |
| <i>Discosia artocreas</i> Fr.: | | | | | |
| <i>Gaultheria shallon</i> (salal)..... | Canada..... | | | 1 | Calif.* |
| <i>Ditylenchus dipsaci</i> (Kuhn) Filip.: | | | | | |
| <i>Galtonia candicans</i> (summer-hyacinth)..... | Netherlands..... | | | 1 | N. J. |
| <i>Ditylenchus intermedius</i> (de Man) Filip.: | | | | | |
| Soil with unidentified roots..... | Germany..... | | | 1 | N. Y. |
| <i>Elsinoe australis</i> Bitanc. & Jenkins: | | | | | |
| <i>Citrus aurantifolia</i> (lime)..... | Brazil..... | | 1 | | Calif.* |
| <i>Citrus limon</i> (lemon)..... | Argentina, Brazil..... | 1 | 41 | | Ala., Calif.*, La., Md., N. Y., Pa., Tex., Va. |
| <i>Citrus paradisi</i> (grapefruit)..... | Brazil..... | | 1 | | N. Y. |
| <i>Citrus reticulata</i> (Mandarin orange)..... | do..... | | 2 | | N. Y., Pa. |
| <i>Citrus sinensis</i> (orange)..... | Argentina, Brazil..... | 2 | 40 | | Ala., Calif.*, Fla., La., Md., Mass., N. Y., Pa., Tex. |
| <i>Citrus</i> sp. (orange)..... | do..... | | 9 | | Fla., Md., N. Y. |
| <i>Elsinoe phaseoli</i> Jenkins: | | | | | |
| <i>Phaseolus lunatus macrocarpus</i> (lima bean) .. | Cuba, Puerto Rico..... | 8 | | | N. Y. |
| <i>Entyloma oryzae</i> Syd. & P. Syd.: | | | | | |
| <i>Oryza sativa</i> (rice)..... | Mexico..... | 1 | | | Tex. |
| <i>Erwinia citrimaculans</i> (Doidge) Magrou: | | | | | |
| <i>Citrus limon</i> (lemon)..... | Italy..... | 6 | | | N. Y. |
| <i>Eucephalobus oxyuroides</i> (de Man) Steiner: | | | | | |
| Unidentified plant..... | do..... | | | 1 | N. Y. |
| <i>Exobasidium vaccinii</i> (Fekl.) Woron.: | | | | | |
| <i>Rhododendron indicum</i> (indica azalea)..... | Belgium..... | | | 1 | N. J. |
| <i>Fabraea maculata</i> Atk.: | | | | | |
| <i>Cydonia oblonga</i> (quince)..... | Mexico..... | 1 | | | Tex. |
| <i>Fusarium oxysporum</i> Schlecht.: | | | | | |
| <i>Crocus</i> sp..... | Netherlands..... | | | 1 | Tex. |
| <i>Fusarium oxysporum</i> Schlecht. f. <i>cepae</i> (Hamz.) Snyd. & Hansen: | | | | | |
| <i>Allium cepa</i> (onion)..... | Mexico..... | 2 | | | Tex. |
| <i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hansen: | | | | | |
| <i>Gladiolus</i> sp..... | England, Netherlands..... | | | 26 | Ala., Mich., N. Y., Pa., S. C., Tex. |
| <i>Fusarium oxysporum</i> Schlecht. f. <i>lycopersici</i> Sacc.: | | | | | |
| <i>Lycopersicon esculentum</i> (tomato)..... | Mexico..... | 1 | | | Tex. |
| <i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> Snyd. & Hansen: | | | | | |
| <i>Narcissus</i> sp..... | England, Netherlands..... | | | 12 | Calif.*, Minn., N. J., Tex. |
| <i>Fusarium oxysporum</i> Schlecht. f. <i>niveum</i> (E. F. Sm.) Snyd. & Hansen: | | | | | |
| <i>Citrullus vulgaris</i> (watermelon)..... | Mexico..... | 1 | | | Tex. |
| <i>Fusarium oxysporum</i> Schlecht. f. <i>tuberosi</i> Wr.: | | | | | |
| <i>Solanum tuberosum</i> (potato)..... | Denmark, Mexico..... | 1 | 1 | | Tex., Wash. |

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| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Fusicladium depressum</i> (Berk. & Br.) Sacc.: | | | | | |
| <i>Foeniculum vulgare</i> (fennel)..... | Czechoslovakia..... | 1 | | | N. Y. |
| <i>Fusicladium eriobotryae</i> Cav.: | | | | | |
| <i>Eriobotrya japonica</i> (loquat)..... | Italy..... | 2 | | | N. Y. |
| <i>Fusicladium pyracanthae</i> (Otth) Rostr.: | | | | | |
| <i>Pyracantha kasan</i> | Netherlands..... | | | 1 | N. J. |
| <i>Pyracantha</i> sp..... | do..... | | | 1 | N. J. |
| <i>Fusicoccum galericulatum</i> Sacc.: | | | | | |
| <i>Fagus sylvatica</i> (European beech)..... | do..... | | | 1 | N. J. |
| <i>Fagus sylvatica atropurpurea</i> | do..... | | | 1 | N. J. |
| <i>Gliomastix convoluta</i> (Harz.) Mason: | | | | | |
| <i>Eleocharis dulcis</i> (waternut)..... | China..... | 12 | | | Calif.* |
| <i>Pueraria thunbergiana</i> (kudzu-bean)..... | do..... | 8 | | | Calif.* |
| <i>Scilla hispanica</i> (Spanish squill)..... | Netherlands..... | | | 1 | Calif.* |
| <i>Solanum tuberosum</i> (potato)..... | Australia..... | | 1 | | Calif.* |
| <i>Zingiber officinale</i> (ginger)..... | China..... | 44 | | | Calif.* |
| <i>Gloeodes pomigena</i> (Schw.) Colby: | | | | | |
| <i>Malus sylvestris</i> (apple)..... | Germany, Japan, Mex- ico..... | 3 | | | Minn., N. Y., Tex. |
| <i>Gloeosporium catechu</i> Syd.: | | | | | |
| <i>Areca cathecu</i> (betel palm)..... | Guam..... | 1 | | | Mass. |
| <i>Gloeosporium epidendri</i> P. Henn.: | | | | | |
| <i>Epidendrum skinneri</i> (orchid)..... | Costa Rica..... | | | 1 | Hawaii. |
| <i>Gloeosporium leguminum</i> (Cke.) Sacc.: | | | | | |
| <i>Prosopis</i> sp. (mesquite)..... | Mexico..... | 4 | | | Tex. |
| <i>Gloeosporium piperatum</i> Ell. & Ev.: | | | | | |
| <i>Capsicum frutescens longum</i> (red pepper)..... | Gold Coast..... | | 1 | | Pa. |
| <i>Gloeosporium sansevieriae</i> Verwoerd & du Plessis: | | | | | |
| <i>Sansevieria</i> sp..... | Canal Zone..... | | | 1 | Calif.* |
| <i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk: | | | | | |
| <i>Laelia anceps</i> (orchid)..... | Mexico..... | | | 1 | Tex. |
| <i>Gnomonia iliau</i> Lyon: | | | | | |
| <i>Saccharum officinarum</i> (sugarcane)..... | do..... | 1 | | | Tex. |
| <i>Gymnosporangium haraeaeum</i> Syd.: | | | | | |
| <i>Chaenomeles lagenaria</i> (flowering quince)..... | Japan..... | | | 1 | Wash. |
| <i>Helminthosporium nodulosum</i> Berk. & Curt.: | | | | | |
| <i>Dactyloctenium aegyptium</i> | Philippines..... | 1 | | | Oreg. |
| <i>Helminthosporium oryzae</i> Breda de Haan: | | | | | |
| <i>Oryza sativa</i> (rice)..... | Cuba, Greece, Mexico..... | 3 | | | N. J., N. Y., Tex. |
| <i>Helminthosporium torulosum</i> (Syd.) Ashby: | | | | | |
| <i>Musa paradisiaca</i> (plantain)..... | Cuba..... | 6 | | | N. Y. |
| <i>Musa paradisiaca sapientum</i> (banana)..... | Pakistan..... | 1 | | | N. Y. |
| <i>Helminthosporium turcicum</i> Pass.: | | | | | |
| <i>Sorghum vulgare</i> (sorghum)..... | Mexico..... | 1 | | | Tex. |
| <i>Hendersonia opuntiae</i> Ell. & Ev.: | | | | | |
| <i>Opuntia compressa</i> (pricklypear)..... | do..... | 1 | | | Tex. |
| <i>Hendersonia sarmentorum</i> West.: | | | | | |
| <i>Vitis</i> sp. (grape)..... | Italy..... | | | 1 | N. Y. |
| <i>Heterodera avenae</i> Eidam: | | | | | |
| Soil with fig cuttings..... | do..... | | | 1 | N. Y. |
| <i>Heterodera goettingiana</i> Liebscher: | | | | | |
| Soil with <i>Sempervivum</i> sp..... | do..... | | | 1 | N. Y. |
| <i>Heterodera punctata</i> Thorne: | | | | | |
| Soil with cactus plant..... | Ireland..... | | | 1 | N. Y. |
| Soil with carrots..... | Netherlands..... | | 1 | | Va. |
| Soil with chrysanthemum plants..... | England..... | | | 1 | Wash. |
| Soil with dahlia tuber clumps..... | do..... | | | 1 | N. J. |
| Soil with wild flower plants..... | Norway..... | | | 1 | N. J. |
| Soil with clumps of <i>Iris germanica</i> | Germany..... | | | 1 | Calif.* |
| Soil with <i>Lavendula</i> sp..... | England..... | | | 1 | N. J. |
| Soil with orchid roots..... | do..... | | | 1 | N. J. |
| Soil with potatoes..... | England, Norway..... | | 3 | | Calif.*, Md., Va. |
| Soil with <i>Prunus</i> sp..... | England..... | | | 1 | N. J. |
| Soil with <i>Rubus</i> sp..... | Netherlands..... | | | 1 | N. J. |
| Soil with shamrock plants..... | Ireland, Northern Ireland..... | | | 5 | N. Y. |
| Soil with <i>Valeria</i> roots..... | Netherlands..... | 2 | | | N. Y. |
| Soil..... | France, Germany..... | 2 | | 1 | N. J., N. Y. |

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950,
inclusive—Continued

[An asterisk indicates State inspection]

| Disease and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|--|-----------------------------|----------|------------------|---|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Heterodera rostochiensis</i> Wr.: | | | | | |
| Screenings from oat straw packing | England | 1 | | | N. Y. |
| Soil with <i>Acacia</i> plants | Argentina | | | 1 | N. Y. |
| Soil with beets | England | | 1 | | Va. |
| Soil from bin containing beets, onions, and parsnips. | Scotland | | 1 | | Wash. |
| Soil with cabbage | Ireland | | 1 | | Md. |
| Soil with carrots | England, Ireland, Neth- erlands. | | 7 | | Md., Mass., N. Y., Pa., S. C., Tex., Va. |
| Soil with <i>Calluna</i> sp. roots | Wales | | | 1 | N. J. |
| Soil with celeriac | Netherlands | | 1 | | La. |
| Soil with celery | England, France, Neth- erlands. | | 7 | | Md., Mass., N. Y., Tex., Va. |
| Soil with convallaria pips | Germany | | | 1 | N. Y. |
| Soil with cyclamen plant | Denmark | | | 1 | N. Y. |
| Soil with dahlia | England | | | 2 | N. J. |
| Soil with <i>Erica</i> sp. plants | do | | | 1 | N. J. |
| Soil with <i>Fuchsia</i> plants | do | | | 1 | N. Y. |
| Soil with heather plants | Scotland | | | 5 | Ill., N. J., N. Y. |
| Soil with <i>Heuchera</i> plant | Poland | | | 1 | N. Y. |
| Soil with <i>Helleborus niger</i> roots | Netherlands | | | 1 | N. J. |
| Soil with hollyhock plants and <i>Tritonia</i> corms. | England | | | 1 | Ill. |
| Soil with <i>Lavendula</i> sp | do | | | 1 | N. J. |
| Soil with leeks | do | | 1 | | Pa. |
| Soil with <i>Ligustrum</i> plants | do | | | 1 | N. J. |
| Soil with lily-of-the-valley pips | Germany | | | 5 | Calif.,* N. Y. |
| Soil with maidenhair fern | England | | | 1 | Mass. |
| Soil with parsnips | do | | 1 | | Wash. |
| Soil with miscellaneous plants | England, Ireland | | | 2 | N. Y. |
| Soil with potatoes | Denmark, England, Ire- land, Scotland, Swe- den. | | 10 | | Calif.,* La., Md., N. Y. Pa., Va., Wash. |
| Soil with rutabagas | England, Netherlands | | 2 | | La., Va. |
| Soil with saxifraga plants | England | | | 1 | N. J. |
| Soil with shamrock plants | Ireland, Northern Ire- land. | 3 | | 9 | Ill., Mass., N. Y., Pa. |
| Soil with tulip bulbs | England | | | 3 | N. Y. |
| Soil with turnips | England, Netherlands | | 5 | | La., N. Y., Va. |
| Soil | Ireland, Scotland | | | 2 | N. J., N. Y. |
| <i>Heterodera schachtii</i> Schmidt: | | | | | |
| Soil with carnation plants | Italy | | | 1 | N. Y. |
| Soil with lily-of-the-valley pips | Germany | | | 2 | Calif.,* N. J. |
| Soil with <i>Galanthus</i> sp. bulbs | do | | | 1 | N. J. |
| Soil with potted succulents | France | | | 1 | Calif.* |
| Soil with <i>Prunus</i> sp. | England | | | 1 | N. J. |
| Soil with turnips | Netherlands | | 1 | | Wash. |
| Soil with unidentified roots | Germany | | | 1 | N. Y. |
| Soil | France | 1 | | | N. J. |
| <i>Heterosporium ornithogali</i> (Klotzsch) Cke.: | | | | | |
| <i>Ornithogalum thyrsoides</i> (chinkerichce) | Union of South Africa | 3 | | | Pa. |
| <i>Heterosporium variabile</i> Cke.: | | | | | |
| <i>Chrysanthemum</i> sp. | Scotland | 1 | | | N. Y. |
| <i>Hormodendrum cladosporioides</i> (Fres.) Sacc.: | | | | | |
| <i>Carica papaya</i> (papaya) | Mexico | 1 | | | Tex. |
| <i>Cydonia oblonga</i> (quince) | do | 1 | | | Ariz. |
| <i>Isariopsis griseola</i> Sacc.: | | | | | |
| <i>Phaseolus lunatus macrocarpus</i> (lima bean) | Puerto Rico | 1 | | | N. Y. |
| <i>Laestadia minuscule</i> (Lev.) Sacc.: | | | | | |
| <i>Codiaeum</i> sp. (croton) | Philippines (?) | | 1 | | Wash. |
| <i>Leptosphaeria rusci</i> (Wallr.) Sacc.: | | | | | |
| <i>Ruscus</i> sp. | Italy | 3 | | | Pa. |
| <i>Leptosphaeria sacchari</i> Breda de Haan: | | | | | |
| <i>Saccharum officinarum</i> (sugarcane) | Mexico | 1 | | | Tex. |

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950,
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| Disease and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|----------------------------------|-----------------------------|----------|-------------|------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Leptosphaeria salvinii</i> Catt.: <i>Oryza sativa</i> (rice)..... | Japan..... | 1 | | | Hawaii. |
| <i>Leptosphaeria tritici</i> (Garov.) Pass.: <i>Triticum aestivum</i> (wheat)..... | do..... | 1 | | | Calif.* |
| <i>Leptosphaeria typharum</i> (Desm.) Karst.: <i>Typha</i> sp. (cattail)..... | Mexico..... | 1 | | | Tex. |
| <i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.: <i>Malus sylvestris</i> (apple)..... | Algeria, Austria, Mexico, Spain. | 7 | 1 | | N. Y., Pa., Tex. |
| <i>Lophodermium pinastri</i> (Fr.) Chev.: <i>Pinus</i> sp. (2-leaved pine)..... | Sweden..... | | | 1 | N. Y. |
| <i>Pinus</i> sp..... | Mexico..... | 1 | | | Tex. |
| <i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa paradisiaca sapientum</i> (banana)..... | Costa Rica, Panama, Philippines. | 3 | | | Calif.* |
| <i>Macrophoma oleae</i> (DC.) Berl. & Vogl.: <i>Olea europaea</i> (olive)..... | Italy, Saudi Arabia..... | 3 | | | N. Y., Pa. |
| <i>Macrophomina phaseolina</i> (Tassi) Goid.: <i>Allium sativum</i> (garlic)..... | Italy..... | 1 | | | N. Y. |
| <i>Arachis hypogaea</i> (peanut)..... | Gold Coast..... | | | 1 | D. C. |
| <i>Eleocharis dulcis</i> (waternut)..... | China..... | 1 | | | N. Y. |
| <i>Marasmius hyalospora</i> (Saw.) Dict.: <i>Acacia confusa</i> | do..... | | | 1 | Hawaii. |
| <i>Marmor cucumeris</i> Holmes: <i>Cucurbita maxima</i> (squash)..... | Mexico..... | 1 | | | Tex. |
| <i>Marmor fragariae</i> Holmes: <i>Fragaria</i> sp..... | England..... | | | 1 | N. J. |
| <i>Melampsoridium betulinum</i> (Pers.) Kleb.: <i>Betula</i> sp. (birch)..... | Finland..... | | | 1 | N. Y. |
| <i>Melanconium betulinum</i> Fr.: <i>Betula</i> sp. (birch)..... | England..... | 1 | | | Pa. |
| <i>Melanospora zamiae</i> Cda.: <i>Pueraria thunbergiana</i> (kudzu-bean)..... | China..... | 3 | | | Calif.* |
| <i>Zingiber officinale</i> (ginger)..... | do..... | 7 | | | Calif.* |
| <i>Meliola citricola</i> Syd.: <i>Citrus</i> sp..... | do..... | 1 | | | Hawaii. |
| <i>Meliola tenella</i> Pat.: <i>Murraya paniculata</i> (jasmin-orange)..... | Siam (?)..... | 1 | | | Hawaii. |
| <i>Meloidogyne arenaria</i> (Neal) Chitwood: <i>Begonia</i> sp..... | Belgium..... | | | 2 | N. J. |
| <i>Memnoniella echinata</i> (Rivolta) L. O. Gall.: <i>Allium sativum</i> (garlic)..... | Mexico..... | 1 | | | Tex. |
| <i>Cattleya citrina</i> (orchid)..... | do..... | | | 1 | Tex. |
| <i>Citrus grandis</i> (pummelo)..... | China..... | | 1 | | Calif.* |
| <i>Musa paradisiaca sapientum</i> (banana)..... | Philippines..... | | | 1 | Calif.* |
| <i>Trapa natans</i> (waterchestnut)..... | China..... | 1 | | | Calif.* |
| <i>Zingiber officinale</i> (ginger)..... | China, Tahiti..... | 40 | | | Calif.*, Wash. |
| <i>Monilinia fructicola</i> (Wint.) Honey: <i>Prunus persica</i> (peach)..... | Mexico..... | 3 | 1 | | Tex. |
| <i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey: <i>Cydonia oblonga</i> (quince)..... | Italy..... | 1 | | | N. Y. |
| <i>Prunus persica</i> (peach)..... | France..... | | 1 | | Pa. |
| <i>Monilinia laxa</i> (Aderh. & Ruhl.) Honey: <i>Prunus cerasus</i> (sour cherry)..... | Australia..... | | 1 | | Calif.* |
| <i>Prunus persica</i> (peach)..... | Guatemala..... | 1 | | | La. |
| <i>Monochaetia paeoniae</i> (Maub.) Sacc. & D. Sacc.: <i>Paeonia suffruticosa</i> (tree peony)..... | Japan..... | | | 2 | Calif.* |
| <i>Mycosphaerella brassicola</i> (Fr. ex Duby) Lindau: <i>Brassica oleracea capitata</i> (cabbage)..... | Ireland..... | | 1 | | Pa. |
| <i>Mycosphaerella caryophylli</i> (Pass.) Cruch.: <i>Dianthus</i> sp. (carnation)..... | Guatemala..... | 1 | | | Tex. |
| <i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross: <i>Cucurbita maxima</i> (squash)..... | Mexico..... | 1 | | | Tex. |
| <i>Sechium edule</i> (chayote)..... | Guatemala..... | | 1 | | La. |
| <i>Mycosphaerella filicum</i> (Desm.) Schroet.: Fern frond..... | Japan..... | 1 | | | Hawaii. |
| <i>Mycosphaerella fragariae</i> (Tul.) Lindau: <i>Fragaria</i> sp. (strawberry)..... | Italy..... | | | 1 | Mass. |

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|--|---|-----------------------------|----------|------------------|--|
| | | Consump- tion | Nonentry | Propaga- tion | |
| <i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.: <i>Echinocactus</i> sp. (cactus)..... | Mexico..... | | | 1 | Tex. |
| <i>Thelocactus bicolor</i> (cactus)..... | do..... | | | 1 | Tex. |
| <i>Mycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple)..... | do..... | 1 | | | Tex. |
| <i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron indicum</i> (indica azalea)..... | Belgium..... | | | 1 | N. J. |
| <i>Rhododendron</i> sp..... | Netherlands..... | | | 1 | N. J. |
| <i>Myrothecium verrucaria</i> (Alb. & Schw.) Ditm. ex Fr.: <i>Vanilla</i> sp. (orchid)..... | Palau Island..... | | | 1 | Hawaii. |
| <i>Mystrosporium adustum</i> Mass.: <i>Iris reticulata</i> (netted iris)..... | Netherlands..... | | | 2 | Ohio, Pa. |
| <i>Nigrospora sphaerica</i> (Sacc.) Mason: <i>Cymbopogon citratus</i> (lemon grass)..... | Straits Settlements..... | | 1 | | Calif.* |
| <i>Oryza sativa</i> (rice)..... | China, Japan..... | | 2 | | Calif.* |
| <i>Omphalia flavida</i> (Cke.) Maub. & Rangel: <i>Gardenia augusta</i> (gardenia)..... | Guatemala, Mexico..... | 1 | | 2 | La., Tex. |
| <i>Ophiostoma narcissi</i> Limber: <i>Narcissus</i> sp..... | Ireland, Netherlands..... | | | 2 | N. J. |
| <i>Papulaspora dodgei</i> Conners: <i>Allium ascalonicum</i> (shallot)..... | France..... | 1 | | | N. J. |
| <i>Papulaspora parasitica</i> (Eidam) Harz.: <i>Allium cepa</i> (onion)..... | England..... | 1 | | | Calif.* |
| <i>Scilla hispanica</i> (Spanish squill)..... | Netherlands..... | | | 2 | Calif.* |
| <i>Trapa natans</i> (water chestnut)..... | China..... | 1 | | | Calif.* |
| <i>Tulipa</i> sp..... | Netherlands..... | | | 1 | Calif.* |
| <i>Peronospora effusa</i> (Grev.) Rab.: <i>Spinacia oleracea</i> (spinach)..... | Mexico..... | 2 | | | Ariz. |
| <i>Pestalotia conspicua</i> Servazzi: <i>Epidendrum</i> sp. (orchid)..... | do..... | | | 1 | Calif.* |
| <i>Laelia anceps</i> (orchid)..... | do..... | | | 2 | Calif.*, Tex. |
| <i>Odontoglossum citrosimum</i> (orchid)..... | do..... | | | 1 | Calif.* |
| <i>Pestalotia funerea</i> Desm.: <i>Cryptomeria japonica</i> (cryptomeria)..... | Japan..... | | | 1 | Calif.* |
| <i>Taxus cuspidata</i> (Japanese yew)..... | do..... | | | 1 | Wash. |
| <i>Pestalotia gibbosa</i> Harkn.: <i>Gaultheria shallon</i> (salal)..... | Canada..... | | | 1 | Calif.* |
| <i>Pestalotia guepini</i> Desm.: <i>Camellia</i> sp..... | England..... | | | 1 | Calif.* |
| <i>Pestalotia macrotricha</i> Kleb.: <i>Rhododendron</i> sp..... | Netherlands..... | | | 2 | N. J. |
| <i>Pestalotia palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut)..... | Venezuela..... | | 1 | | Pa. |
| <i>Pestalotia peregrina</i> Ell. & Mart.: <i>Pinus massoniana</i> (Masson pine)..... | China..... | | | 1 | Calif.* |
| <i>Pestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava)..... | Mexico..... | 1 | | | Tex. |
| <i>Pestalotia rhododendri</i> (D. Sacc.) Guba: <i>Rhododendron</i> sp..... | Netherlands..... | | | 1 | N. J. |
| <i>Pestalotia scirrofaciens</i> N. A. Brown: <i>Achras zapota</i> (sapodilla)..... | Mexico..... | 1 | | | Tex. |
| <i>Phoma citricarpa</i> McAlp.: <i>Citrus aurantifolia</i> (sour lime)..... | American Samoa..... | 1 | | | Hawaii. |
| <i>Cirtus limon</i> (lemon)..... | Australia, China..... | 1 | 5 | | Mass., N. Y., Pa. |
| <i>Citrus reticulata</i> (Mandarin orange)..... | Australia, China, Japan..... | 41 | 2 | | Calif.*, Hawaii Mass., N. Y. |
| <i>Citrus reticulata</i> var. (King orange)..... | China, Japan..... | 2 | 1 | | Calif.*, Hawaii, Mich. |
| <i>Citrus sinensis</i> (orange)..... | Argentina, Australia, Brazil, China, Japan, Philippines, Straits Settlement, Tasmania, Union of South Africa. | 69 | 11 | | Calif.*, Hawaii, Md., Mass., N. Y. |
| <i>Citrus</i> sp. (orange)..... | China..... | 4 | | | Mass., N. Y. |
| <i>Citrus</i> sp..... | do..... | 1 | | | Hawaii. |
| <i>Phoma viticola</i> Sacc.: <i>Vitis</i> sp. (grape)..... | Italy..... | | | 1 | N. Y. |

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|--|-----------------------|-----------------------------|----------|-------------|----------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Phomopsis corni</i> Trav.: | | | | | |
| <i>Cornus florida</i> (flowering dogwood) | Netherlands | | | 1 | N. J. |
| <i>Phragmidium disciflorum</i> (Tode) James: | | | | | |
| <i>Rosa</i> sp. | Germany, Italy | 3 | | 1 | N. Y. |
| <i>Phragmotrichum chaillottii</i> G. Kunze: | | | | | |
| <i>Picea abies</i> (spruce) | Germany | 1 | | | N. Y. |
| <i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake: | | | | | |
| <i>Oryza sativa</i> (rice) | Japan | 1 | | | Calif.* |
| <i>Phyllosticta laeliae</i> Keissl.: | | | | | |
| <i>Cattleya</i> sp. (orchid) | Brazil | | | 1 | Calif.* |
| <i>Laelia</i> sp. (orchid) | Mexico | | | 1 | Tex. |
| <i>Phyllosticta mortonii</i> Fairm.: | | | | | |
| <i>Mangifera indica</i> (mango) | do | 2 | | | Tex. |
| <i>Phyllosticta nigro-maculans</i> Sacc.: | | | | | |
| <i>Vanda sanderiana</i> (orchid) | Philippines | | | 1 | Hawaii. |
| <i>Phyllosticta ruscicola</i> Dur. & Mont.: | | | | | |
| <i>Ruscus</i> sp. | Italy | 3 | | 1 | N. Y., Pa. |
| <i>Phyllosticta sorghina</i> Sacc.: | | | | | |
| <i>Sorghum vulgare</i> (sorghum) | India | | | 1 | D. C. |
| <i>Physalospora camptospora</i> Sacc.: | | | | | |
| <i>Dendrobium undulatum</i> (orchid) | Australia | | | 1 | Hawaii. |
| <i>Physalospora obtusa</i> (Schw.) Cke.: | | | | | |
| <i>Malus sylvestris</i> (apple) | Italy | | 1 | | Pa. |
| <i>Salix</i> sp. | do | | 1 | | Pa. |
| <i>Vitis</i> sp. (grape) | Portugal | | | 1 | N. Y. |
| <i>Plectus parietinus</i> Bastian: | | | | | |
| <i>Colchicum autumnale</i> (autumn crocus) | Netherlands | | | 1 | N. J. |
| Soil with various plants | England | | | 1 | N. Y. |
| <i>Pleospora herbarum</i> (Pers.) Rab.: | | | | | |
| <i>Cytisus</i> sp. | do | 1 | | | Mass. |
| <i>Pseudomonas marginata</i> (McCull.) Stapp: | | | | | |
| <i>Gladiolus</i> sp. | Japan | | | 1 | Calif.* |
| <i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens: | | | | | |
| <i>Olea europaea</i> (olive) | Italy | 1 | | | Mass. |
| <i>Pseudomonas syringae</i> v. Hall: | | | | | |
| <i>Citrus limon</i> (lemon) | do | 1 | | | N. Y. |
| <i>Pseudomonas tonelliana</i> (Ferr.) Breed: | | | | | |
| <i>Nerium oleander</i> (oleander) | Italy, Mexico (?) | | | 2 | N. Y., Tex. |
| <i>Puccinia antirrhini</i> Diet. & Holw.: | | | | | |
| <i>Antirrhinum majus</i> (snapdragon) | Germany | 1 | | | N. Y. |
| <i>Puccinia arenariae</i> (Schum.) Wint.: | | | | | |
| <i>Dianthus barbatus</i> (sweet-william) | Netherlands | 1 | | 1 | N. Y. |
| <i>Puccinia chrysanthemi</i> Roze: | | | | | |
| <i>Chrysanthemum</i> sp. | Japan | | | 1 | Wash. |
| <i>Puccinia cyperi</i> Arth.: | | | | | |
| <i>Cyperus</i> sp. (?) | Philippines | 1 | | | Md. |
| <i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.: | | | | | |
| <i>Triticum aestivum</i> (wheat) | Germany, Italy | 1 | 1 | | Tex., Wash. |
| <i>Puccinia hieracii</i> (Schum.) Mart.: | | | | | |
| <i>Cichorium</i> sp. | Canada | | | 1 | N. Y. |
| <i>Puccinia longicornis</i> Pat. & Hariot: | | | | | |
| <i>Sasa kurilensis</i> (bamboo) | Japan | | | 1 | D. C. |
| <i>Puccinia oblecta</i> Pk.: | | | | | |
| <i>Scirpus</i> sp. (tule) | Mexico | 1 | | | Tex. |
| <i>Puccinia ornithogali-thyrsoidea</i> Diet.: | | | | | |
| <i>Ornithogalum thyrsoidea</i> (chinkerichee) | Union of South Africa | 1 | | | Pa. |
| <i>Puccinia phragmites</i> (Schum.) Koern.: | | | | | |
| <i>Phragmites communis</i> (reed) | Denmark, Netherlands | 2 | | | Calif.*, N. Y. |
| <i>Puccinia rubigo-vera</i> (DC). Wint. f. <i>secalis</i> (Eriks.) Carleton: | | | | | |
| <i>Secale cereale</i> (rye) | Italy | 1 | | | Wash. |
| <i>Puccinia sorghi</i> Schw.: | | | | | |
| <i>Zea mays</i> (corn) | Mexico | 1 | | | Calif. |
| <i>Puccinia urbaniana</i> P. Henn.: | | | | | |
| <i>Stachytarpheta jamaicensis</i> | Puerto Rico | 1 | | | N. Y. |
| <i>Stachytarpheta</i> sp. | do | 1 | | | P. R. |

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950,
inclusive—Continued

[An asterisk indicates State inspection]

| Disease and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|-----------------------------|----------|-------------|------------------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Pyrenochaeta phlogis</i> Mass.: <i>Phlox</i> sp.----- | New Zealand----- | ----- | ----- | 1 | Hawaii. |
| <i>Pythium splendens</i> H. Braun: <i>Dendrobium pulchellum</i> (orchid)----- | Siam----- | ----- | ----- | 1 | Hawaii. |
| <i>Ramularia tulasnei</i> Sacc.: <i>Fragaria</i> sp. (strawberry)----- | France, Netherlands----- | ----- | 1 | 2 | D. C., N. J., N. Y. |
| <i>Ravenelia arizonica</i> Ell. & Ev.: <i>Prosopis</i> sp. (mesquite)----- | Mexico----- | ----- | 1 | ----- | Tex. |
| <i>Schizophyllum radiatum</i> Fr.: <i>Boswellia serrata</i> ("salai" wood)----- | India----- | 1 | ----- | ----- | N. Y. |
| <i>Malus sylvestris</i> (apple)----- | Mexico----- | 1 | ----- | ----- | Ariz. |
| <i>Sclerotinia bulborum</i> (Wakk.) Rehm. (?): <i>Fritillaria imperialis</i> (crown-fritillary)----- | Netherlands----- | ----- | ----- | 1 | Oreg. |
| <i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp. (fir)----- | Germany----- | 1 | ----- | ----- | Mass. |
| <i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)----- | Belgium----- | 8 | 1 | ----- | N. Y. |
| <i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)----- | Italy----- | 27 | ----- | ----- | N. Y. |
| <i>Septonema atrum</i> Sacc.: <i>Dahlia</i> sp.----- | Mexico----- | ----- | ----- | 1 | Calif.* |
| <i>Septoria alliorum</i> West.: <i>Allium porrum</i> (leek)----- | France----- | ----- | 1 | ----- | Pa. |
| <i>Septoria azaleae</i> Vogl.: <i>Rhododendron indicum</i> (indica azalea)----- | Belgium----- | ----- | ----- | 3 | N. J. |
| <i>Rhododendron luteum</i> ----- | Netherlands----- | ----- | ----- | 1 | N. J. |
| <i>Rhododendron obtusum kaempferi</i> ----- | do----- | ----- | ----- | 1 | N. J. |
| <i>Rhododendron</i> sp.----- | do----- | ----- | ----- | 11 | D. C., N. J. |
| <i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum morifolium</i> (mulberry chrysanthemum).----- | Japan----- | 1 | ----- | ----- | Wash. |
| <i>Chrysanthemum</i> sp.----- | England, Japan, Mexico, Netherlands. | 2 | ----- | 3 | N. J., N. Y., Tex., Wash. |
| <i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)----- | Italy----- | ----- | 1 | ----- | Calif.* |
| <i>Citrus sinensis</i> (orange)----- | Australia, Spain (?)----- | ----- | 2 | ----- | Calif.* |
| <i>Citrus</i> sp. (orange)----- | Australia----- | ----- | 1 | ----- | Hawaii. |
| <i>Septoria cyclaminis</i> Dur. & Mont.: <i>Cyclamen</i> sp.----- | England----- | ----- | ----- | 1 | N. J. |
| <i>Septoria examinans</i> Berk. & Curt.: <i>Ilex pumila</i> ----- | Switzerland----- | ----- | ----- | 1 | N. J. |
| <i>Septoria helianthi</i> Ell. & Kell.: <i>Helianthus</i> sp. (sunflower)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> (Shasta daisy)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Septoria malvicola</i> Ell. & G. Martin: <i>Malvaceae</i> ----- | Canada----- | ----- | ----- | 1 | N. Y. |
| <i>Septoria posekensis</i> Sacc.: <i>Miltonia</i> sp. (orchid)----- | Colombia----- | ----- | ----- | 1 | Fla. |
| <i>Odontoglossum citrosimum</i> (orchid)----- | Mexico----- | ----- | ----- | 1 | Tex. |
| <i>Oncidium</i> (?) sp. (orchid)----- | Brazil----- | ----- | ----- | 1 | N. J. |
| <i>Sphaceloma fawcettii</i> Jenkins (?): <i>Citrus limon</i> (lemon)----- | Unknown----- | ----- | 1 | ----- | P. R. |
| <i>Sphaceloma fawcettii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins: <i>Citrus limon</i> (lemon)----- | Australia, New Zealand----- | 1 | 4 | ----- | Hawaii, N. Y., Pa. |
| <i>Sphaceloma perseae</i> Jenkins: <i>Persea americana</i> (avocado)----- | Guatemala----- | 1 | ----- | ----- | P. R. |
| <i>Sphaceloma punicae</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate)----- | Italy, Mexico----- | 4 | ----- | ----- | Ariz., N. Y., Tex. |
| <i>Sphacelotheca holci</i> Jacks.: <i>Sorghum halepense</i> (Johnson grass)----- | Mexico----- | 1 | ----- | ----- | Tex. |
| <i>Sphaeropsis cydoniae</i> Cke. & Ell.: <i>Cydonia oblonga</i> (quince)----- | do----- | 1 | ----- | ----- | Tex. |

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950,
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| Disease and host | Country of origin | Number of interceptions in— | | | Collected in— |
|--|---|-----------------------------|----------|-------------|---------------------------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Stachylidium theobromae</i> Turc.: <i>Musa paradisiaca</i> (plantain)----- | Colombia, Cuba, Dominican Republic, Honduras. | 15 | 3 | --- | N. Y. |
| <i>Musa paradisiaca sapientum</i> (banana)----- | Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, Guatemala, Honduras, Mexico, Panama. | 16 | --- | --- | Calif.*, Md., N. Y., Pa., S. C., Tex. |
| <i>Stemphylium botryosum</i> Wallr.: <i>Allium cepa</i> (onion)----- | Mexico----- | 1 | --- | --- | Tex. |
| <i>Citrus limon</i> (lemon)----- | Lebanon----- | --- | --- | 1 | Va. |
| <i>Citrus paradisi</i> (grapefruit)----- | Cyprus (?)----- | --- | 1 | --- | N. Y. |
| <i>Daucus carota</i> (carrot)----- | Belgium----- | --- | 1 | --- | Tex. |
| <i>Gladiolus</i> sp----- | Mexico----- | 2 | --- | --- | Tex. |
| <i>Lycopersicon esculentum</i> (tomato)----- | Canary Islands, Ireland, Mexico. | 2 | 1 | --- | N. Y., Tex. |
| <i>Solanum melongena</i> (eggplant)----- | Egypt----- | --- | 1 | --- | Md. |
| <i>Stemphylium ilicis</i> Tengwall: <i>Muscari comosum</i> ----- | Netherlands----- | --- | --- | 1 | Ohio. |
| <i>Oralis</i> sp----- | do----- | --- | --- | 1 | N. J. |
| <i>Stilbum incarnatum</i> Wakk.: <i>Eleocharis dulcis</i> (waternut)----- | China----- | 12 | --- | --- | Calif.* |
| <i>Pachyrhizus erosus</i> (yam bean)----- | do----- | 1 | --- | --- | Wash. |
| <i>Trapa natans</i> (waterchestnut)----- | do----- | 1 | --- | --- | Calif.* |
| <i>Thecopsora areolata</i> (Fr.) Magn.: <i>Prunus</i> sp----- | Finland----- | --- | --- | 1 | N. Y. |
| <i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.: <i>Begonia tuberhybrida</i> ----- | Belgium----- | --- | --- | 4 | Pa. |
| <i>Begonia</i> sp----- | do----- | --- | --- | 2 | N. J. |
| <i>Sinningia speciosa</i> (gloxinia)----- | do----- | --- | --- | 5 | N. J., Pa. |
| <i>Torula oleae</i> Cast.: <i>Olea europaea</i> (olive)----- | Mexico----- | --- | 1 | --- | Calif. |
| <i>Trametes flavida</i> Lev.: <i>Vanda</i> sp. (orchid)----- | Guam----- | --- | --- | 1 | Calif.* |
| <i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.: <i>Prunus persica</i> (peach)----- | Mexico----- | 2 | --- | --- | Tex. |
| <i>Trichoderma viride</i> Pers. ex Fr.: <i>Ananas comosus</i> (pineapple)----- | do----- | 1 | --- | --- | Tex. |
| <i>Trullula olivascens</i> Sacc.: <i>Ribes uva-crispa</i> (European gooseberry)----- | Germany----- | --- | --- | 1 | N. J. |
| <i>Tryblidiella prosopidis</i> (Pk.) Rehm: <i>Prosopis</i> sp. (mesquite)----- | Mexico----- | 1 | --- | --- | Tex. |
| <i>Tubercularia vulgaris</i> Tode ex Fr.: <i>Acer</i> sp----- | Netherlands----- | --- | --- | 1 | N. J. |
| <i>Kerria japonica</i> (kerria)----- | do----- | --- | --- | 1 | N. J. |
| <i>Tylenchus allii</i> Beijerinck: <i>Allium sativum</i> (garlic)----- | Mexico, Spain----- | 3 | 1 | --- | Tex. |
| <i>Tylenchus filiformis</i> Butschli: Soil with <i>Artemesia</i> , <i>Dianthus</i> , and <i>Sedum</i> plants. | Italy----- | --- | --- | 1 | Mass. |
| Soil with carnation plants----- | do----- | --- | --- | 1 | N. Y. |
| <i>Tylenchus putrefaciens</i> Kuhn: <i>Allium sativum</i> (garlic)----- | Mexico----- | 1 | --- | --- | Tex. |
| <i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum</i> sp. (orchid)----- | do----- | --- | --- | 1 | Tex. |
| <i>Laelia anceps</i> (orchid)----- | do----- | --- | --- | 2 | Tex. |
| <i>Uredo guacae</i> Mayor: <i>Sobralia</i> sp----- | Nicaragua----- | --- | --- | 1 | Calif.* |
| <i>Uredo nigropunctata</i> P. Henn.: <i>Epidendrum</i> sp. (orchid)----- | Costa Rica----- | --- | --- | 1 | Fla. |
| <i>Uredo oncidii</i> P. Henn.: <i>Zygopetalum burti</i> (orchid)----- | do----- | --- | --- | 1 | Fla. |
| <i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum</i> sp----- | Netherlands----- | --- | --- | 1 | N. J. |
| <i>Urocystis gladiolicola</i> Ainsworth: <i>Gladiolus cuspidatus</i> ----- | do----- | --- | --- | 1 | N. J. |
| <i>Gladiolus grandis</i> ----- | do----- | --- | --- | 1 | N. J. |
| <i>Gladiolus</i> sp----- | do----- | --- | --- | 2 | N. J., N. Y. |

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|---|-----------------------------|-----------------------------|----------|-------------|-------------------|
| | | Consumption | Nonentry | Propagation | |
| <i>Urocystis tritici</i> Koern.: <i>Triticum aestivum</i> (wheat)..... | Australia..... | 1 | | | N. J. |
| <i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i> (maile alyxia)..... | Hawaii..... | 2 | | | Calif.* |
| <i>Uromyces fabae</i> (Pers.) D By.: <i>Vicia faba</i> (broadbean)..... | France, Italy..... | | 2 | | N. Y., Pa. |
| <i>Uromyces holwayi</i> Lagh.: <i>Lilium columbianum</i> (Columbia lily)..... | British Columbia..... | 1 | | | Wash. |
| <i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> (shrub bushclover)..... | Japan..... | | | 1 | Wash. |
| <i>Uromyces scillarum</i> (Grev.) Wint.: <i>Muscari</i> sp..... | England..... | | | 1 | N. Y. |
| <i>Ustilago aristidae-cyananthae</i> Bref.: <i>Aristida cyanantha</i> | India..... | | | 1 | D. C. |
| <i>Ustilago avenae</i> (Pers.) Jens.: <i>Avena sativa</i> (oat)..... | Yugoslavia..... | | | 1 | D. C. |
| <i>Ustilago bullata</i> Berk.: <i>Bromus</i> sp..... | Iraq..... | | | 1 | D. C. |
| <i>Ustilago esculenta</i> P. Henn.: <i>Zizania aquatica</i> | Japan..... | 1 | | | N. Y. |
| <i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat)..... | France..... | 1 | | | N. Y. |
| <i>Venturia inaequalis</i> (Cke.) Wint. var. <i>cinerascens</i> (Fckl.) Aderh.: <i>Sorbus</i> sp. (sorbe apple)..... | Italy..... | 1 | | | N. Y. |
| <i>Vermicularia herbarum</i> West.: <i>Dianthus</i> sp..... | England..... | | | 1 | Wash. |
| <i>Verticillium lateritium</i> (Fr.) Rabh.: <i>Galanthus</i> sp..... | Netherlands..... | | | 1 | N. J. |
| <i>Volutella buxi</i> (Cda.) Berk.: <i>Buxus microphylla koreana</i> | do..... | | | 1 | N. J. |
| <i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime)..... | Ceylon, India, unknown..... | 6 | 12 | | Mass., N. Y., Pa. |
| <i>Citrus grandis</i> (pummelo)..... | Japan..... | 1 | | | Calif.* |
| <i>Citrus limon</i> (lemon)..... | do..... | 1 | 3 | | Calif.* |
| <i>Citrus paradisi</i> (grapefruit)..... | do..... | | 1 | | Calif.* |
| <i>Citrus reticulata</i> (Mandarin orange)..... | China, Japan..... | 3 | | | Calif.* |
| <i>Citrus sinensis</i> (orange)..... | do..... | 11 | 1 | | Calif.* |
| <i>Citrus</i> sp. (orange)..... | India..... | | 1 | | Md. |
| <i>Xanthomonas hyacinthi</i> (Wakk.) Dowson: <i>Hyacinthus</i> sp..... | Netherlands..... | | | 1 | Mich. |
| <i>Xanthomonas vesicatoria</i> (Doidge) Dowson: <i>Lycopersicon esculentum</i> (tomato)..... | Mexico..... | 1 | | | Tex. |
| <i>Zygosporium oscheoides</i> Mont.: <i>Musa paradisiaca sapientum</i> (banana)..... | Colombia..... | 2 | | | S. C. |

Hosts and diseases

- ABIES:**
Sclerotinia kernerii (Ascomycetes)
- ACACIA:**
Maravalia hyalospora (Deuteromycetes)
- ACER:**
Tubercularia vulgaris (Deuteromycetes)
- ACHRAS:**
Diplodia theobromae (Deuteromycetes)
Pestalotia scirrofaciens (Deuteromycetes)
- AGAVE:**
Colletotrichum agaves (Deuteromycetes)
- ALLIUM ASCALONICUM:**
Papulaspora dodgeii (Deuteromycetes)
- ALLIUM CEPA:**
Alternaria porri (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Fusarium oxysporum f. *cepa* (Deuteromycetes)
Papulaspora parasitica (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
- ALLIUM PORRUM:**
Septoria alliorum (Deuteromycetes)
- ALLIUM SATIVUM:**
Macrophomina phaseolina (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Sclerotium cepivorum (Deuteromycetes)
Tylenchus allii (Nematoda)
Tylenchus putrefaciens (Nematoda)
- ALYXIA:**
Uromyces alyxiae (Promycetes)
- ANANAS:**
Curvularia lunata (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Trichoderma viride (Deuteromycetes)
- ANDROMEDA:**
Diplodina rostrupii (Deuteromycetes)
- ANTIRRHINUM:**
Puccinia antirrhini (Promycetes)
- ARACHIS:**
Macrophomina phaseolina (Deuteromycetes)
- ARECA:**
Diplodia theobromae (Deuteromycetes)
Gloeosporium catechu (Deuteromycetes)
- ARISTIDA:**
Ustilago aristidae-cyananthae (Promycetes)
- ARMERIA:**
Cercospora insulana (Deuteromycetes)
- ASPIDISTRA:**
Colletotrichum omnivorum (Deuteromycetes)
- AVENA:**
Ustilago avenae (Promycetes)
- BAMBOO:**
Coniosporium shiraianum (Deuteromycetes)
- BEGONIA:**
Meloidogyne arenaria (Nematoda)
Thielaviopsis basicola (Deuteromycetes)
- BETULA:**
Melampsoridium betulinum (Promycetes)
- BOSWELLIA:**
Schizophyllum radiatum (Basidiomycetes)
- BRASSICA OLERACEA CAPITATA:**
Mycosphaerella brassicola (Ascomycetes)
- BROMUS:**
Ustilago bullata (Promycetes)
- BUXUS:**
Volutella buxi (Deuteromycetes)
- CAJANUS:**
Colletotrichum cajani (Deuteromycetes)
- CAMELLIA:**
Camellia yellow-spot virus
Pestalotia guepini (Deuteromycetes)
- CAPPARIS:**
Cercospora capparidis (Deuteromycetes)
- CAPSIUM:**
Gloeosporium piperatum (Deuteromycetes)
- CARICA:**
Hormodendrum cladosporioides (Deuteromycetes)
- CASTANEA:**
Diplodia castaneae (Deuteromycetes)
- CATTLEYA:**
Memnoniella echinata (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
- CHAENOMELES:**
Gymnosporangium haraeum (Promycetes)
- CHRYSANTHEMUM:**
Heterosporium variabile (Deuteromycetes)
- CHRYSANTHEMUM—Continued**
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
- CICHORIUM:**
Puccinia hieracii (Promycetes)
Sclerotinia minor (Ascomycetes)
- CITRULLUS:**
Fusarium oxysporum f. *niveum* (Deuteromycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Memnoniella echinata (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Alternaria citri (Deuteromycetes)
Ascochyta citri (?) (Deuteromycetes)
 Cancrosis "B"
Diplodia theobromae (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Erwinia citrimaculans (Schizomycetes)
Phoma citricarpa (Deuteromycetes)
Pseudomonas syringae (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii (?) (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI:**
Elsinoe australis (Ascomycetes)
Stemphylium botryosum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA VAR.:**
Phoma citricarpa (Deuteromycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Ascochyta citri (?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP. (orange):**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- COCOS:**
Cryptospora longispora (?) (Ascomycetes)
Diplodia epicocos (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
- CODIAEUM:**
Cercospora codiae (Deuteromycetes)
Laetadia minuscule (Ascomycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
- COLCHICUM:**
Plectus parietinus (Nematoda)
Urocystis colchici (Promycetes)
- COLOCASIA:**
Chlamydomyces palmarum (Deuteromycetes)
- CORNUS:**
Phomopsis corni (Deuteromycetes)
- CROCUS:**
Fusarium oxysporum (Deuteromycetes)
- CRYPTOMERIA:**
Pestalotia funerea (Deuteromycetes)
- CUCURBITA:**
Marmor cucumeris (Virus)
Mycosphaerella citrullina (Ascomycetes)
- CYCLAMEN:**
Septoria cyclaminis (Deuteromycetes)
- CYDONIA:**
Fabraea maculata (Ascomycetes)
Hormodendrum cladosporioides (Deuteromycetes)
Monilinia fructigena (Deuteromycetes)
Sphaeropsis cydoniae (Deuteromycetes)

Hosts and diseases—Continued

CYMBIDIUM:

Colletotrichum cinctum (Deuteromycetes)

CYMBOPOGON:

Nigrospora sphaerica (Deuteromycetes)

CYPERUS:

Puccinia cyperi (Promycetes)

CYTISUS:

Pleospora herbarum (Ascomycetes)

DACTYLOCTENIUM:

Helminthosporium nodulosum (Deuteromycetes)

DAHLIA:

Septonema atrum (Deuteromycetes)

DAUCUS:

Stemphylium botryosum (Deuteromycetes)

DENDROBIUM:

Diplodia theobromae (Deuteromycetes)*Physalospora camptospora* (Ascomycetes)*Pythium splendens* (Phycomycetes)

DIANTHUS:

Alternaria dianthi (Deuteromycetes)*Mycosphaerella caryophylli* (Ascomycetes)*Puccinia arenariae* (Promycetes)*Vermicularia herbarum* (Deuteromycetes)

ECHINOCACTUS:

Mycosphaerella opuntiae (Ascomycetes)

ELEOCHARIS:

Gliomastix convoluta (Deuteromycetes)*Macrophomina phaseolina* (Deuteromycetes)*Stilbum incarnatum* (Deuteromycetes)

EPIDENDRUM:

Gloeosporium epidendri (Deuteromycetes)*Pestalotia conspicua* (Deuteromycetes)*Uredo behnickiana* (Promycetes)*Uredo nigropunctata* (Promycetes)

ERIOBOTRYA:

Fusicladium eriobotryae (Deuteromycetes)

FAGUS:

Fusicoccum galericulatum (Deuteromycetes)

FICUS:

Cercospora bolleana (Deuteromycetes)

FOENICULUM:

Fusicladium depressum (Deuteromycetes)

FRAGARIA:

Diplocarpon earliana (Ascomycetes)*Marmor fragariae* (Virus)*Mycosphaerella fragariae* (Ascomycetes)*Ramularia tulasnei* (Deuteromycetes)

FRAXINUS:

Cercospora fraxinites (Deuteromycetes)

FRITILLARIA:

Sclerotinia bulborum (Ascomycetes)

GALANTHUS:

Botrytis galanthina (Deuteromycetes)*Verticillium lateritium* (Deuteromycetes)

GALTONIA:

Ditylenchus dipsaci (Nematoda)

GARDENIA:

Omphalia flavida (Deuteromycetes)

GAULTHERIA:

Discosia artocreas (Deuteromycetes)*Pestalotia gibbosa* (Deuteromycetes)

GLADIOLUS:

Botrytis gladiolorum (Deuteromycetes)*Curvularia lunata* (Deuteromycetes)*Fusarium oxysporum* f. *gladioli* (Deuteromycetes)*Pseudomonas marginata* (Schizomycetes)*Stemphylium botryosum* (Deuteromycetes)*Urocystis gladiolicola* (Promycetes)

GOSSYPIUM:

Cercospora gossypina (Deuteromycetes)

HELIANTHUS:

Septoria helianthi (Deuteromycetes)

HELLEBORUS:

Coniothyrium hellebori (Deuteromycetes)

HYACINTHUS:

Xanthomonas hyacinthi (Schizomycetes)

ILEX:

Septoria examinans (Deuteromycetes)

IRIS:

Aphelenchoides subtenuis (Nematoda)*Colletotrichum liliacearum* (Deuteromycetes)*Mystrosporium adustum* (Deuteromycetes)

KERRIA:

Tubercularia vulgaris (Deuteromycetes)

LAELIA:

Camillea sagraena (Ascomycetes)

LAELIA—Continued

Glomerella cincta (Ascomycetes)*Pestalotia conspicua* (Deuteromycetes)*Phyllosticta laeliae* (Deuteromycetes)*Uredo behnickiana* (Promycetes)

LESPEDeza:

Uromyces lespedezae-procumbentis (Promycetes)

LILIUM:

Botrytis elliptica (Deuteromycetes)*Colletotrichum lili* (Deuteromycetes)*Uromyces holwayi* (Promycetes)

LYCOPERSICON:

Fusarium oxysporum lycopersici (Deuteromycetes)*Stemphylium botryosum* (Deuteromycetes)*Xanthomonas vesicatoria* (Schizomycetes)

MALUS:

Diaporthe eres (Ascomycetes)*Gloeodes pomigena* (Deuteromycetes)*Leptothyrium pomi* (Deuteromycetes)*Mycosphaerella pomi* (Ascomycetes)*Physalospora obtusa* (Ascomycetes)*Schizophyllum radiatum* (Basidiomycetes)

MALVACEAE:

Septoria malvicola (Deuteromycetes)

MANGIFERA:

Phyllosticta mortoni (Deuteromycetes)

MANIHOT:

Diplodia theobromae (Deuteromycetes)

MEDICAGO:

Arthrobotrys superba (Deuteromycetes)

MILTONIA:

Septoria posekensis (Deuteromycetes)

MURRAYA:

Meliola tenella (Ascomycetes)

MUSA PARADISIACA:

Helminthosporium torulosum (Deuteromycetes)*Stachylidium theobromae* (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

Cercospora musae (Deuteromycetes)*Helminthosporium torulosum* (Deuteromycetes)*Macrophoma musae* (Deuteromycetes)*Memnoniella echinata* (Deuteromycetes)*Stachylidium theobromae* (Deuteromycetes)*Zygosporeum oscheoides* (Deuteromycetes)

MUSCARI:

Stemphylium ilicis (Deuteromycetes)*Uromyces scillarum* (Promycetes)

NARCISSUS:

Aphelenchoides subtenuis (Nematoda)*Fusarium oxysporum* f. *narcissi* (Deuteromycetes)*Ophiostoma narcissi* (Ascomycetes)

NERIUM:

Cercospora neriella (Deuteromycetes)*Pseudomonas tonelliana* (Schizomycetes)

NYMPHAEA:

Diplodia theobromae (Deuteromycetes)

ODONTOGLOSSUM:

Pestalotia conspicua (Deuteromycetes)*Septoria posekensis* (Deuteromycetes)

OLEA:

Cycloconium oleaginum (Deuteromycetes)*Macrophoma oleae* (Deuteromycetes)*Pseudomonas savastanoi* (Schizomycetes)*Torula oleae* (Deuteromycetes)

ONCIDIUM:

Septoria posekensis (Deuteromycetes)

OPUNTIA:

Hendersonia opuntiae (Deuteromycetes)

ORCHID:

Colletotrichum cinctum (Deuteromycetes)*Diplodia theobromae* (Deuteromycetes)

ORNITHOGALUM:

Heterosporium ornithogali (Deuteromycetes)*Puccinia ornithogali-thyrsoidea* (Promycetes)

ORYZA:

Cercospora oryzae (Deuteromycetes)*Chaetomium elatum* (Ascomycetes)*Diplodiella oryzae* (Deuteromycetes)*Entyloma oryzae* (Promycetes)*Helminthosporium oryzae* (Deuteromycetes)*Leptosphaeria salvinii* (Ascomycetes)*Nigrospora sphaerica* (Deuteromycetes)*Phyllosticta glumarum* (Deuteromycetes)

OXALIS:

Stemphylium ilicis (Deuteromycetes)

Hosts and diseases—Continued

- PACHYRHIZUS:**
Stilbum incarnatum (Deuteromycetes)
PAEONIA:
Monochaetia paeoniae (Deuteromycetes)
PERSEA:
Sphaceloma perseae (Deuteromycetes)
PHASEOLUS LUNATUS MACROCARPUS:
Elsinoe phaseoli (Ascomycetes)
Isariopsis griseola (Deuteromycetes)
PHLOX:
Pyrenochaeta phlogis (Deuteromycetes)
PHRAGMITES:
Puccinia phragmites (Promycetes)
PHYSALIS:
Cercospora physalicola (Deuteromycetes)
PICEA:
Phragmotrichum chailletii (Promycetes)
PINUS:
Cercospora pini-densiflorae (Deuteromycetes)
Lophodermium pinastri (Ascomycetes)
Pestalotia peregrina (Deuteromycetes)
PISUM:
Ascochyta pisi (Deuteromycetes)
Colletotrichum pisi (Deuteromycetes)
PROSOPIS:
Gloeosporium leguminum (Deuteromycetes)
Ravenelia arizonica (Promycetes)
Tryblidiella prosopidis (Ascomycetes)
PRUNUS ARMENIACA:
Coryneum beijerinckii (Deuteromycetes)
PRUNUS CERASUS:
Monilinia laxa (Ascomycetes)
PRUNUS PERSICA:
Coryneum beijerinckii (Deuteromycetes)
Monilinia fructicola (Ascomycetes)
Monilinia fructigena (Ascomycetes)
Monilinia laxa (Ascomycetes)
Tranzschelia pruni-spinosae (Promycetes)
PRUNUS SP.:
Thecopsora areolata (Promycetes)
PSIDIUM:
Pestalotia psidii (Deuteromycetes)
PUERARIA:
Gliomastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
PUNICA:
Cercospora lythracearum (Deuteromycetes)
Cytospora punica (Deuteromycetes)
Sphaceloma punicae (Deuteromycetes)
PYRACANTHA:
Fusicladium pyracanthae (Deuteromycetes)
RAPHANUS:
Aphanomyces raphani (Phycomycetes)
RHODODENDRON:
Cercospora handelii (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Erobasidium vaccinii (Basidiomycetes)
Mycosphaerella rhododendri (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)
RIBES:
Cronartium ribicola (Promycetes)
Trullula olivascens (Deuteromycetes)
RICINUS:
Cercospora ricinella (Deuteromycetes)
ROSA:
Coryneum microstictum (Deuteromycetes)
Phragmidium disciflorum (Promycetes)
RUSCUS:
Leptosphaeria rusci (Ascomycetes)
Phyllosticta ruscicola (Deuteromycetes)
SACCHARUM:
Colletotrichum falcatum (Deuteromycetes)
Gnomonia iliaui (Deuteromycetes)
Leptosphaeria sacchari (Ascomycetes)
SALIX:
Botryosphaeria ribis (Ascomycetes)
Physalospora obtusa (Ascomycetes)
SANSEVIERIA:
Gloeosporium sansevieriae (Deuteromycetes)
SASA:
Puccinia longicornis (Promycetes)
SCILLA:
Gliomastix convoluta (Deuteromycetes)
Papulaspora parasitica (Deuteromycetes)
SCIRPUS:
Puccinia oblecta (Promycetes)
SECALE:
Puccinia rubigo-vera f. *secalis* (Promycetes)
SECHIUM:
Mycosphaerella citrullina (Ascomycetes)
SINNINGIA:
Thielaviopsis basicola (Deuteromycetes)
SOBRALIA:
Uredo guacae (Promycetes)
SOIL:
Aphelenchoides ribes (Nematoda)
Aphelenchus agricola (Nematoda)
Aphelenchus avenae (Nematoda)
Ditylenchus intermedius (Nematoda)
Heterodera avenae (Nematoda)
Heterodera goettingiana (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
Heterodera schachtii (Nematoda)
Plectus parietinus (Nematoda)
Tylenchus filiformis (Nematoda)
SOLANUM MELONGENA:
Stemphylium botryosum (Deuteromycetes)
SOLANUM TUBEROSUM:
Fusarium oxysporum f. *tuberosi* (Deuteromycetes)
Gliomastix convoluta (Deuteromycetes)
SORBUS:
Venturia inaequalis var. *cinerascens* (Ascomycetes)
SORGHUM:
Cercospora sorghi (Deuteromycetes)
Colletotrichum falcatum (Deuteromycetes)
Colletotrichum graminicolum (Deuteromycetes)
Helminthosporium turcicum (Deuteromycetes)
Phyllosticta sorghina (Deuteromycetes)
Sphacelotheca holci (Promycetes)
SPINACIA:
Peronospora effusa (Phycomycetes)
STACHYTARPHETA:
Puccinia urbaniana (Promycetes)
TAXUS:
Pestalotia funerea (Deuteromycetes)
THELOCACTUS:
Mycosphaerella opuntiae (Ascomycetes)
THEOBROMA:
Diplodia theobromae (Deuteromycetes)
TRAPA:
Memnoniella echinata (Deuteromycetes)
Papulaspora parasitica (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
TRITICUM:
Leptosphaeria tritici (Ascomycetes)
Puccinia graminis var. *tritici* (Promycetes)
Urocystis tritici (Promycetes)
Ustilago tritici (Promycetes)
TULIPA:
Papulaspora parasitica (Deuteromycetes)
TYPHA:
Leptosphaeria typharum (Ascomycetes)
VANDA:
Phyllosticta nigro-maculans (Deuteromycetes)
Trametes flavida (Basidiomycetes)
VANILLA:
Myrothecium verrucaria (Deuteromycetes)
VICIA:
Ascochyta pisi (Deuteromycetes)
Uromyces fabae (Promycetes)
VIOLA:
Cercospora violae (Deuteromycetes)
VITIS:
Coryneum microstictum (Deuteromycetes)
Hendersonia sarmentorum (Deuteromycetes)
Phoma viticola (Deuteromycetes)
Physalospora obtusa (Ascomycetes)
ZEA:
Puccinia sorghi (Promycetes)
ZINGIBER:
Gliomastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
Memnoniella echinata (Deuteromycetes)
ZIZANIA:
Ustilago esculenta (Promycetes)
ZYGOPETALUM:
Uredo oncidii (Promycetes)

Hosts unknown

FERN:
Mycosphaerella filicum (Ascomycetes)
 GRASS:
Colletotrichum graminicolum (Deuteromycetes)

PLANT:
Eucephalobus oxyuroides (Nematoda)
 SCREENINGS FROM STRAW PACKING:
Heterodera rostochiensis (Nematoda)

Countries of origin and diseases

ALGERIA:
Leptothyrium pomi
 AMERICAN SAMOA:
Phoma citricarpa
 ARGENTINA:
Botryosphaeria ribis
 Cancrosis "B"
Elsinoe australis
Heterodera rostochiensis
Phoma citricarpa
 AUSTRALIA:
Alternaria citri
Diplodia theobromae
Gliomastix convoluta
Monilinia laxa
Phoma citricarpa
Physalospora campitospora
Septoria citri
Sphaceloma fawcettii var. *scabiosa*
Urocystis tritici
 AUSTRIA:
Chrysomyxa rhododendri
Coryneum beijerinckii
Leptothyrium pomi
 AZORES:
Ascochyta pisi
 BELGIUM:
Cercospora handelii
Colletotrichum omnivorum
Exobasidium vaccinii
Meloidogyne arenaria
Mycosphaerella rhododendri
Sclerotinia minor
Septoria azaleae
Stemphylium botryosum
Thielaviopsis basicola
 BERMUDA:
Cercospora neriella
 BRAZIL:
Cercospora coffeicola
Cercospora musae
Elsinoe australis
Phoma citricarpa
Phyllosticta laeliae
Septoria posekensis
Stachylidium theobromae
 BRITISH COLUMBIA:
Uromyces holwayi
 BRITISH WEST INDIES:
Cercospora coffeicola
 CANADA:
Arthrobotrys superba
Discosia artocreas
Pestalotia gibbosa
Puccinia hieracii
Septoria malvicola
 CANAL ZONE:
Cercospora musae
Gloeosporium sansevieriae
Stachylidium theobromae
 CANARY ISLANDS:
Stemphylium botryosum
 CEYLON:
Xanthomonas citri
 CHINA:
Botrytis elliptica
Cercospora pini-densiflorae
Chlamydomyces palmarum
Colletotrichum graminicolum
Colletotrichum lilii
Diplodiella oryzae
Gliomastix convoluta
Macrophomina phaseolina
Maravalia hyalospora
Melanospora zamiae
Meliola citricola
Memnoniella echinata

CHINA—Continued
Nigrospora sphaerica
Papulaspora parasitica
Pestalotia peregrina
Phoma citricarpa
Stilbum incarnatum
Xanthomonas citri
 COLOMBIA:
Cercospora musae
Septoria posekensis
Stachylidium theobromae
Zygosporium oscheoides
 COSTA RICA:
Cercospora musae
Gloeosporium epidendri
Macrophoma musae
Stachylidium theobromae
Uredo nigropuncta
Uredo oncidii
 CUBA:
Cercospora musae
Diplodia theobromae
Elsinoe phaseoli
Helminthosporium oryzae
Helminthosporium torulosum
Stachylidium theobromae
 CYPRUS:
Stemphylium botryosum
 CZECHOSLOVAKIA:
Fusicladium depressum
 DENMARK:
Cronartium ribicola
Fusarium oxysporum f. *tuberosi*
Heterodera rostochiensis
Puccinia phragmites
 DOMINICAN REPUBLIC:
Cercospora musae
Diplodia theobromae
Stachylidium theobromae
 ECUADOR:
Cercospora musae
Stachylidium theobromae
 EGYPT:
Stemphylium botryosum
 ENGLAND:
Aphelenchoides ribes (?)
Colletotrichum cinctum
Colletotrichum liliacearum
Coniothyrium hellebori
Fusarium oxysporum f. *gladioli*
Fusarium oxysporum f. *narcissi*
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Marmor fragariae
Melanconium betulinum
Papulaspora parasitica
Pestalotia guepini
Plectus parietinus
Pleospora herbarum
Septoria chrysanthemi
Septoria cyclaminis
Uromyces scillarum
Vermicularia herbarum
 FIJI ISLANDS:
Ascochyta citri
 FINLAND:
Melampsoridium betulinum
Thecopsora aerolata
 FRANCE:
Alternaria dianthi
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Monilinia fructigena
Papulaspora dodgei
Ramularia tulasnei

Countries of origin and diseases—Continued

FRANCE—Continued

Septoria alliorum
Uromyces fabae
Ustilago tritici

FRENCH GUINEA:

Curvularia lunata

GERMANY:

Aphelenchus avenae
Chrysomyxa rhododendri
Ditylenchus intermedius
Gloeodes pomigena
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Phragmidium disciflorum
Phragmotrichum chailletii
Puccinia antirrhini
Puccinia graminis var. *tritici*
Sclerotinia kernerii
Trullula olivascens

GOLD COAST:

Gloeosporium piperatum
Macrophomina phaseolina

GREECE:

Helminthosporium oryzae

GRENADA:

Cercospora musae

GUAM:

Gloeosporium catechu
Trametes flavida

GUATEMALA:

Cercospora musae
Monilinia laxa
Mycosphaerella citrullina
Mycosphaerella caryophylli
Omphalia flavida
Sphaceloma perseae
Stachylidium theobromae

HAITI:

Cercospora musae
Colletotrichum falcatum

HAWAII:

Uromyces alyxiae

HONDURAS:

Cercospora musae
Stachylidium theobromae

INDIA:

Cercospora musae
Phyllosticta sorghina
Schizophyllum radiatum
Ustilago aristidae-cyananthae
Xanthomonas citri

IRAQ:

Ustilago bullata

IRELAND:

Heterodera punctata
Heterodera rostochiensis
Mycosphaerella brassicola
Ophiostoma narcissi
Stemphylium botryosum

ITALY:

Alternaria citri
Aphelenchoides subtenuis
Aphelenchus agricola
Aphelenchus avenae
Ascochyta citri (?)
Ascochyta pisi
Camellia yellow-spot virus
Cercospora violae
Coryneum beijerinckii
Cycloconium oleaginum
Diplodia castaneae
Diplodia theobromae
Erwinia citrimaculans
Eucephalobus oxyuroides
Fusicladium eriobotryae
Hendersonia sarmentorum
Heterodera avenae
Heterodera goettingiana
Heterodera schachtii
Leptosphaeria rusci
Macrophoma oleae
Macrophomina phaseolina
Monilinia fructigena
Mycosphaerella fragariae

ITALY—Continued

Phoma viticola
Phragmidium disciflorum
Phyllosticta ruscicola
Physalospora obtusa
Pseudomonas savastanoi
Pseudomonas syringae
Pseudomonas tonelliana
Puccinia graminis var. *tritici*
Puccinia rubigo-vera f. *secalis*
Sclerotium cepivorum
Septoria citri
Sphaceloma punicae
Tylenchus filiformis
Uromyces fabae
Venturia inaequalis var. *cinerascens*

JAPAN:

Alternaria dianthi
Botrytis elliptica
Colletotrichum lilii
Coniosporium shiraianum
Gloeodes pomigena
Gymnosporangium haraeae
Leptosphaeria salvinii
Leptosphaeria tritici
Monochaetia paeoniae
Mycosphaerella filicum
Nigrospora sphaerica
Pestalotia funerea
Phoma citricarpa
Phyllosticta glumarum
Pseudomonas marginata
Puccinia chrysanthemi
Puccinia longicornis
Septoria chrysanthemi
Uromyces lespedezae-procumbentis
Ustilago esculenta
Xanthomonas citri

LEBANON:

Alternaria citri
Stemphylium botryosum

MARTINIQUE:

Cercospora musae

MEXICO:

Alternaria porri
Aphanomyces raphani
Ascochyta pisi
Botrytis gladiolorum
Cercospora bolleana
Cercospora codiae
Cercospora fraxinites
Cercospora gossypina
Cercospora insulana
Cercospora lythracearum
Cercospora musae
Cercospora oryzae
Cercospora physalicola
Cercospora ricinella
Cercospora sorghi
Chaetomium elatum
Colletotrichum agaves
Colletotrichum cinctum
Colletotrichum falcatum
Colletotrichum graminicolum
Colletotrichum lilii
Colletotrichum pisi
Coryneum beijerinckii
Cryptospora longispora
Curvularia lunata
Cytospora punica
Diplodia epicocos
Diplodia theobromae
Entyloma oryzae
Fabraea maculata
Fusarium oxysporum f. *cepa*
Fusarium oxysporum f. *lycopersici*
Fusarium oxysporum f. *niveum*
Fusarium oxysporum f. *tuberosi*
Gloeodes pomigena
Gloeosporium leguminum
Glomerella cincta
Gnomonia ilia
Helminthosporium oryzae
Helminthosporium turcicum
Hendersonia opuntiae

Countries of origin and diseases—Continued

MEXICO—Continued

Hormodendrum cladosporioides
Leptosphaeria sacchari
Leptosphaeria typharum
Leptothyrium pomi
Lophodermium pinastri
Marmor cucumeris
Memnoniella echinata
Monilinia fructicola
Mycosphaerella citrullina
Mycosphaerella opuntiae
Mycosphaerella pomi
Omphalia flavida
Peronospora effusa
Pestalotia conspicua
Pestalotia psidii
Pestalotia scirrofaciens
Phyllosticta laeliae
Phyllosticta mortoni
Pseudomonas tonelliana
Puccinia oblecta
Puccinia sorghi
Ravenelia arizonica
Schizophyllum radiatum
Septonema atrum
Septoria chrysanthemi
Septoria helianthi
Septoria leucanthemi
Septoria posekensis
Sphaceloma punicae
Sphacelotheca holci
Sphaeropsis cydoniae
Stachylidium theobromae
Stemphylium botryosum
Torula oleae
Tranzschelia pruni-spinosae
Trichoderma viride
Tryblidiella prosopidis
Tylenchus allii
Tylenchus putrefaciens
Uredo behnickiana
Xanthomonas vesicatoria

NETHERLANDS:

Aphelenchoides subtenuis
Botrytis galanthina
Cercospora handelii
Colletotrichum lilii
Coniothyrium hellebori
Coryneum microstictum
Diplodina rostrupii
Ditylenchus dipsaci
Fusarium oxysporum
Fusarium oxysporum f. gladioli
Fusarium oxysporum f. narcissi
Fusicladium pyracanthae
Fusicoccum galericulatum
Gliomastix convoluta
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Mycosphaerella rhododendri
Mystrosporium adustum
Ophiostoma narcissi
Papulaspora parasitica
Pestalotia macrotricha
Pestalotia rhododendri
Phomopsis corni
Plectus parietinus
Puccinia arenariae
Puccinia phragmitis
Ramularia tulasnei
Sclerotinia bulborum (?)
Septoria azalea
Septoria chrysanthemi
Stemphylium ilicis
Tubercularia vulgaris
Urocystis colchici
Urocystis gladiolicola
Verticillium lateritium
Volutella buxi
Xanthomonas hyacinthi

NEW ZEALAND:

Pyrenochaeta phlogis
Sphaceloma fawcettii var. *scabiosa*

NICARAGUA:

Uredo guacae

NORTHERN IRELAND:

Heterodera punctata
Heterodera rostochiensis

NORWAY:

Diplocarpon earliana
Heterodera punctata

PAKISTAN:

Helminthosporium torulosum

PALAU ISLANDS:

Myrothecium verrucaria

PANAMA:

Camillea sagraena
Cercospora musae
Macrophoma musae
Stachylidium theobromae

PERU:

Alternaria dianthi
Ascochyta pisi

PHILIPPINES:

Diplodia theobromae
Helminthosporium nodulosum
Laestadia minuiscula
Macrophoma musae
Memnoniella echinata
Phoma citricarpa
Phyllosticta nigro-maculans
Puccinia cyperi

POLAND:

Aphelenchus avenae
Heterodera rostochiensis

PORTUGAL:

Physalospora obtusa

PUERTO RICO:

Cercospora lythracearum
Colletotrichum cajani
Diplodia theobromae
Elsinoe phaseoli
Isariopsis griseola
Puccinia urbaniana

SAUDI ARABIA:

Macrophoma oleae

SCOTLAND:

Coryneum microstictum
Heterodera rostochiensis
Heterosporium variabile

SIAM:

Meliola tenella
Pythium splendens

SPAIN:

Leptothyrium pomi
Septoria citri
Tylenchus allii

STRAITS SETTLEMENTS:

Nigrospora sphaerica
Phoma citricarpa

SWEDEN:

Diaporthe eres
Heterodera rostochiensis
Lophodermium pinastri

SWITZERLAND:

Chrysomyxa rhododendri
Septoria examinans

TAHITI:

Memnoniella echinata

TASMANIA:

Phoma citricarpa

TURKEY:

Aphelenchus avenae
Botrytis galanthina

UNION OF SOUTH AFRICA:

Heterosporium ornithogali
Phoma citricarpa
Puccinia ornithogali-thyrsoidea

UNKNOWN:

Sphaceloma fawcettii
Xanthomonas citri

VENEZUELA:

Pestalotia palmarum

WALES:

Heterodera rostochiensis

YUGOSLAVIA:

Cercospora capparidis
Ustilago avenae

